

Great Ormond Street
Children's Hospital and the
Institute of Child Health

www.gosh.nhs.uk

Want to help Children?



Here & around the world

NHS



Why we can do this well

Unlike commercial for-profit websites, we are under no pressure to compromise our content. We are also a stable, public institution which will not go out of business. The Boston Consulting Group found that most commercial online health ventures were failing. They also found that these ventures fundamentally misunderstood how patients and physicians use the web. Trust also came up as an issue.

Most patients were wary of online information and tended to trust universities and medical associations over commercial websites (we are associated with University College London). All our content is produced in direct consultation with patients, families, physicians and nurses. They know what they want and we strive to deliver it. We also have strong relationships with the wider UK government e-initiatives, including the NHS Direct online health service. Through these portal sites, our content is able to reach a vast audience.

Stacey-Jane Panther had surgery at GOSH to correct the effects of Perthes disease, which interrupts the blood supply to the head of the femur (thigh- bone) and makes hip movement painful. The operations were followed by physiotherapy. Spending time in hospital did not mean 11-year-old Stacey missing school entirely: GOSH has its own school, which is used by thousands of children every year. With a staff of 21, it welcomes all inpatients of school age and teaches youngsters on the ward if they are not well enough to come to the schoolroom. The school was praised last year by inspectors from the education watchdog OFSTED.



Amy Saunders has been completely deaf since birth but at the age of three and a half she listens and talks almost as if there were nothing wrong. A cochlear implant, inserted last year by surgeons at GOSH, enables her to 'hear' by converting sounds into electrical signals that stimulate her auditory nerve. That means her language skills are developing as normal. "I forget she's deaf," says her mother, Jill. "She's always telling me things and singing. It's the nearest thing to a miracle that I'll ever see." More than 170 children have been given cochlear implants at GOSH since the programme began in 1992.

Who are we?

Our strong brand, world renowned for 150 years, is now online. The Great Ormond Street Hospital for Children works hand-in-hand with the Institute of Child Health (affiliated with University College London) and South Bank University. The Institute and the Hospital sit beside each other in the heart of London. It is a collaborative and dynamic relationship, where world leaders work together to provide the widest range of paediatric specialties in the country, and the largest paediatric research and training centre in Britain. For families and patients, this ensures that the treatments at the hospital are grounded in the latest developments and meet the highest standards.

All areas of the hospital take part in research, including a particular focus on research by nurses and professions allied to medicine. The Institute and Hospital's research and development strategy is based on research themes targeted at meeting the health needs of children.

The seven themes are:

- [Biochemical and nutritional sciences](#)
- [Cancer](#)
- [Cardiorespiratory sciences](#)
- [Genes, development and disease](#)
- [Infection and immunity](#)
- [Neurosciences and mental health](#)
- [Population health sciences](#)

Who uses our site?

- Doctors, nurses, researchers/scientists, and patients and their families of course
- We treat some 100,000 children every year
- Number of site users per month: 72,841 (Sept. 2001)
- Most users find our site through: Google search engine NHS.uk portal site
- It is estimated that more than three million children in the UK have access to the internet. They could all be potential users of our site if the content is right. (Source: Jupiter MMXI)



Jack

Jack Smithson, 11, was born with a cyst on his brain which caused uncontrollable seizures and weakened the left side of his body. He underwent a hemispherectomy at GOSH to disconnect the left side of his brain from the right – a surgical procedure that helps to control seizures in about 80 per cent of patients. GOSH developed the UK's first service for children with severe epileptic seizures, which has grown into one of the largest paediatric epilepsy surgery programmes in the world.

A child health portal that can be trusted

It has been estimated there are now more than 100,000 web sites dedicated to health. It's a crowded market out there on the internet – and pretty confusing if you need to know where to turn. The Journal of the American Medical Association surveyed these sites and found most offering "incomplete, misleading, or difficult to understand information, while others blur the distinction between advertising and medical advice".

In September of this year we re-launched our child health portal, www.gosh.nhs.uk, as part of a dynamic project to tap the wealth of knowledge held in the hospital and our research partner, the Institute of Child Health.

We seek to become a one-stop portal for complex child health issues. To date, our expertise in innovative care and research has not been fully reflected in the content of our site: a situation we are determined to change. What we hear from patients and families time and time again is the need for trust when seeking out resources on the web. If your child is sick, you want to know the information you find is accurate and up-to-date, grounded in cutting-edge research and care developments: two things we do very well.



Gemma Richards had a bone marrow transplant at GOSH after she was diagnosed with leukocyte adhesion deficiency, an extremely rare disorder that hindered the response of her white blood cells to skin infection or injury. It meant that her skin was unable to heal itself. Gemma, 11, received bone marrow from an unrelated UK donor and is now well on the way to recovery. Although not a fan of hospitals, she likes GOSH. "I know a lot of people here now," she says. Last year there were 57 bone marrow transplants at GOSH.

Opportunities for collaboration

Content partnerships, for example

- Research breakthroughs/developments, strengthening research networks, aiding developing countries.
- Children's research news service
- Children's website editorial board

Technical support

- Research developments without the jargon
- Technical support: innovative applications to enhance our work

Ethical guidelines: All partners must meet our ethical guidelines. We adhere to the 1992/1993 Charities Act.

Please contact us for additional details, but they are in short:

We will not accept funds from the following:

- tobacco/alcohol companies

- pharmaceutical companies, with the following proviso:
 - if a specific medicinal product allows the Charity to meet specific strategic and operational objectives
 - if it is a non-pharmaceutical product, for example cosmetics or toiletries with a proven track record
 - no endorsement of infant feeding formulae
 - no endorsement of dietary supplements
 - Anything that could damage the reputation of the hospital/institute

David South, Web Strategy
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Tel: 020 7829 8671 Ext. 1052

Design/Layout: Medical illustration

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GOSH/ICH Child Health Portal

2001 to 2003



Institute of Child Health Great Ormond Street Hospital for Children **NHS** Trust

Patients and Families Health Professionals Research Clinical Services GOSH International Press Office Campaigns

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GOSH
charity website.

Welcome to the new joint website of Great Ormond Street Children's Hospital and the Institute of Child Health

GOSHKids
teens

9 October 2002
Search the site **go**
Email: info@gosh.nhs.uk

Research Review
The Research Review is jam-packed with stories about our research and achievements. [Read more...](#)

GOSH launches first-ever child-friendly health site
GOSHKids – the first truly child-friendly hospital site. [Read more...](#)

A UK first: child cured by gene therapy
A child has been cured of a fatal genetic condition, X-SCID, by gene therapy at GOSH. [Read more...](#)

ICH heads genetics knowledge park
ICH dean David Latchman is to lead £3 million London IDEAS Park. [Read more...](#)

Clinical improvement for a better hospital
A six-month review has started to produce a new action plan for GOSH. [Read more...](#)

MMR GOSH says "MMR is best and safest option for our children"
[Read more...](#)

Jack was born with a cyst on his brain which caused uncontrollable seizures and weakened the left side of his body. [Read more...](#)

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Social Work

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Use this page as a gateway to our many support services, or try exploring our many fact sheets on medical procedures, ailments and diseases. We have a lively range of support services for children and teens, including our radio station (Radio Gosh) and children's school.

Ask Dr Jane Collins
THE CHILD TIMES
Dr Jane Collins column online Popular Times column dispenses jargon-free advice. A-Z of Child Complaints Articles

Factsheets for families
Large archive developed by our medical and research teams. [Read more...](#)

Joint website puts the child first
Check out our new Teens and Tots

International & Private Patients
Referring an International or Private Patient
Email: privateinfo@gosh.nhs.uk

NHS 0845 Direct 4647
NHS Direct online health encyclopedia

UK online gov.uk

Holly White underwent pioneering surgery at GOSH after a brain scan showed she had moxa-moya

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Referring an International or Private Patient
Email: privateinfo@gosh.nhs.uk

Search here to explore our services, make a referral, attend a course or conference, and connect with our researchers.

Patient and Family factsheets
Download our many factsheets to distribute to families.

Check out our library, selected by the BMJ as an excellent source of paediatric resources.

Clinical improvement
A six-month review has started to produce a new action plan for GOSH. [Read more...](#)

Stacey-Jane Panther had surgery at GOSH to correct the effects of Perthes disease, which interrupts the blood supply to the head of the femur (thigh-bone) and makes hip movement painful. Read more about Holly and others in this year's Annual report

Publications
Roundabout
R&D Bulletin
Annual Report
Clinical Governance Report
NHS Local Information Database
NHS Information Authority
www.nhs.uk
Department of Health

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Learning Events

Together, the Hospital and the Institute of Child Health offer a rich source of knowledge on child health. Explore our research themes, link with colleagues or conduct a search.

Research Review 2001
The Research Review is jam-packed with stories about our research and achievements. [Read more...](#)

ICH heads genetics knowledge park
ICH dean David Latchman is to lead £3 million London IDEAS Park. [Read more...](#)

Cancer gene breakthrough
ICH scientists have identified five genes that are expressed in embryonic and cancer cells. [Read more...](#)

Ellie (above) from Chingford, East London suffers from a rare neonatal disorder, PHH, which has puzzled doctors and scientists for years. Read more about Ellie in this year's Research Review.

More research links

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Welcome to the new joint website of Great Ormond Street Children's Hospital and the Institute of Child Health

GOSHKids
teens

28 June 2003
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GOSH Kids wins award International Children's award goes to GOSH. [Read more](#)

Annual Report Highlighting the achievements, developments and stars of GOSH over the year. [Read more](#)

A UK first: child cured by gene therapy A child has been cured of a fatal genetic condition X-SCD, by gene therapy at GOSH. [Read more](#)

Great resources for families Scroll through our large archive of family factsheets. [Read more](#)

Epilepsy Feature Learn more about groundbreaking advances in the treatment of epilepsy. [Read more](#)

MMR GOSH says "MMR is best and safest option for our children" [Read more](#)

Jack was born with a cyst on his brain which caused uncontrollable seizures and weakened the left side of his body. [Read more](#)

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Empowering children and young people through health

Children's Hospital NHS and always

ESPAÑA · FRANÇAIS · عربي · EAHHNIKA · TÜRKÇE

GT LATEST

KIDSFIRST Hospital and health for children

TOTSFIRST Coming into hospital for younger children

WORLDFIRST Bringing the world together through health

GT Health and life for teens and young adults

Find out what it's really like in hospital.

Share your view on the world.

Problems? Take a look at the problem page.

The news and stories that matter to you.

Looking 4 answers? Try the health and hospital messageboards.

Get the latest celeb goss from Sneak magazine.

Go global. Check out WorldFirst.

Read lots of real stories about health and hospital.

Find out about your body and your health.

What do kids really think of burgers and chips?

Being bullied? Find out what you can do to stop it.

Check out our wizard Harry Potter section.

Take a look at our fun stories about your favourite stars.

Read children's real stories from all over the world.

Last updated: 27th June 2003
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Written by GOSH Trust.
Reviewed by Children First
About us

Great Ormond Street Hospital Children's Charity

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Great Ormond Street Hospital welcomes more than 90,000 patients per year. Any donations you make to Great Ormond Street Hospital Children's Charity have a profound effect on the care and treatment we can provide to seriously ill children, topping up the NHS' funding. To find out more about the vital work of the hospital, visit [www.gosh.nhs.uk](#).

Shortcuts:

- GOSH2000 re-development
- 150 years of caring for children
- Peter Pan
- Schools click here

Latest news:

- Go roaring mad at Paradise Wildlife Park
- Great Ormond Street Hospital celebrates ten years of intensive care unit
- Kylie's Ka makes a mint for children's hospital
- Paris to London Bike Ride, 26-31 July 2003

Make a Donation: phone now on 020 7916 5678

Donate online
Donate by phone
Donate by cheque
Donate by Direct Debit
Donations in kind
Other ways to help

Song of hope for "Miracle Child"
Emma Lucas is a bright and friendly eight-year-old girl whose main concern is getting the next issue of her favourite magazine. But to her parents she is a mini-miracle... [read more](#)

Miffy helps out the hospital
The naming of a new Miffy ward at Great Ormond Street Hospital brings loads of Miffy-related activities to the hospital... [read more](#)

GOSH Shop
Peter Pan
Kids & Teens
50th Birthday website

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Great Ormond Street Hospital Children's Charity
40-41 Queen Square, London WC1N 3AJ, UK
Tel: 020 7916 5678
Reg. Charity No: 235625
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Great Ormond Street Hospital Children's Charity

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OUR TOP TIPS

Need some cool fundraising ideas? Find top tips here...

HALL OF FAME

Find out how the most inventive schools raised money in **Schools that Rock!**

EVENT IDEAS

Fancy dress competition, teaser information about how you might go about it.
Find out more...

HOW YOU'RE HELPING

All the money you raise goes to the Great Ormond Street Hospital Children's Charity. Find out how your money is spent.

WHO YOU'RE HELPING

Find out more about some of our patients.

OUR HISTORY

Tell me more

SCHOOLS PACK

Form for schools pack?

MORE INFO

Read about the history of GOSH and the first child admitted when it opened in 1852.

We support fundraising activities by providing a **Schools Pack**.

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Ask Dr Jane Collins...

A-Z of child complaints

a

Acne

Up to 85 per cent of 12 to 25 year olds suffer from spots. Boys and girls are equally affected. They usually appear at puberty and reach their peak at 17-21. If untreated, persistent spots or acne, can cause scarring but prompt treatment minimises this. Acne is caused by over-production of oil from the sebaceous glands in the skin mainly on the face, chest and back in response to normal levels of sex hormones. Oil blocks the ducts to the surface of the skin allowing waste cells to accumulate under the skin's surface forming a plug. Bacteria also play a part. Teenage girls often report a flare-up before menstruation. Some find stress and certain foods, especially fast food and chocolate, make acne worse although there is no scientific evidence for this. Some cosmetics provoke spots especially those containing oils, fatty acids and waxes. Acne is not infectious or contagious.

Symptoms: Oily skin with red lumps, yellow spots, blackheads and whiteheads. Teenagers with black skin often find that spots make their skin darker and this pigmentation can last for months.



THE i433 TIMES

A-Z of child complaints

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Frequently Asked Questions

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Welcome to Great Ormond Street Children's Hospital/Institute of Child Health. If you have a question, please look through the [Frequently Asked Questions](#) to see if the answer is there. If not, please use the form on this page to contact us.

We are unable to answer queries or offer advice about specific patients and/or their conditions through this website. At the same time, we recognize that visitors to our website may require information about particular paediatric health issues. Please check out our [family factsheets](#) for information on tests, procedures, operations, and various paediatric conditions. You can also read our archive of [Dr Jane Collins' Times](#) column, dispensing jargon-free advice on a wide range of paediatric topics.



Subject Choose a subject...

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Message

Information for families Genetics and inheritance

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Please use the indexes below to find the factsheet you need.

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How can genetic disorders be inherited?
Is it always possible to make a genetic diagnosis?
How can genetic abnormalities be detected?
Contact information

Background

Many immunodeficiency disorders are the result of defects in an individual's genetic makeup. These are mistakes which occur in genes and are passed from generation to generation. Sometimes a genetic mistake (mutation) can occur for the first time in an infant or child when no-one else in the family has had the problem, but in other situations there may be family members who have suffered from the same or similar problems. There are several ways in which mutations can be inherited - these are explained below. In an increasing number of immunodeficiency disorders the precise mistake in the relevant gene can now be identified in the laboratory, and this means that accurate counselling can be offered to the family, and screening tests can be offered in pregnancy if requested.

What are genes?



Information for families The Activities Centre

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Download PDF of 'The Activities Centre' factsheet

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When is the Activities Centre open?
Special needs therapy session
Youth Group
Junior youth group
The Den

This page tells you about the Activities Centre at Great Ormond Street Hospital.

What is the Activities Centre?

It's a place where inpatients at Great Ormond Street Hospital can get away from the medical environment of their ward for a while and have some fun. It's bright and colourful, full of things to do and gives children at the hospital an opportunity to meet other people their own age.



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Press Office

151 years of caring for sick children
Phone: (020) 7829 8671

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Scroll through our statements, publications and press releases, or learn more about the rich history of our work. We have been in the forefront of child health for over 150 years. Contact us at (020) 7829 8671.

Ketogenic Diet

High-fat diet reduces severe epileptic seizures in children. [Read more...](#)



GOSH Kids wins award

International Childnet award goes to GOSH. [Read more...](#)



Epilepsy Feature

Learn more about groundbreaking advances in the treatment of epilepsy. [Read more...](#)



What's New

3 June 2003
Non-executive director reappointed at Great Ormond Street Hospital for Children NHS Trust. [Read more...](#)

News Archive

27 May 2003
Great Ormond Street Hospital celebrated ten years of intensive care unit. [Read more...](#)

20 May 2003
Healthy start, healthy futures: The future of children and young people's maternity and neonatal health services. [Read more...](#)

2 May 2003
Past and present patients united to celebrate opening of new ward. [Read more...](#)

12 May 2003
New appeal raises £1.5 million for first-ever research chair in

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Epilepsy



X-ray of electrodes used in 'trapdoor' procedure

Ketogenic Diet: FAQs

Epilepsy Unit

Epilepsy: Did You Know?

Press Release: Ketogenic Diet

Press Release: Trapdoor in Head

Ketogenic Diet: FAQs


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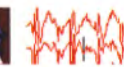
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Patients and families

Ask GOSH
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Directorate of Nursing and Family Services

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Email: privateinfo@gosh.nhs.uk

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Ask Dr Jane Collins

THE TIMES
Dr Jane Collins column online: Popular Times column dispenses jargon-free advice. A-Z of Child Complaints Articles

Factsheets for families

Large archive developed by our medical and research teams. [Read more...](#)

Joint website puts the child first

Check out our new Teens and Tots



Holly White: underwent pioneering surgery at GOSH after a brain scan showed she had moxa-moxa

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Getting ready for admission

Children in hospital need a parent or someone familiar with them as much as possible. It helps if a parent can stay, at least for the first few nights, although we realise this may be difficult for those who have other children at home.

As a parent you are welcome to be with your child in the hospital at all times (and at no charge). We will always provide somewhere for one parent to stay although we cannot guarantee that this will be at your child's bedside.

A list of local hotels is also available from the family services department if needed.

Talking to your child



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UK Newborn Screening Programme Centre

'Quality through partnership in newborn bloodspot screening'

Welcome to the UK Newborn Screening Programme Centre

We hope you will find this website informative and a convenient way of receiving information on the collaborative work that we have planned to assure quality in newborn screening services throughout the UK. We welcome your involvement whether as a professional, parent or interested member of the public and you can find out how to do this in the '[Get Involved](#)' pages.

Through this site we will introduce you to our team and the purpose of our work in '[About us](#)'. You will also be able to access information about our work and its context within the '[Information](#)' pages. A useful [glossary](#) and key to some of the abbreviations used is also available here for your use.

The Programme Centre Team

Latest News

NEWS News and information

FAQs

Q&A Questions answered for parents and professionals

Links

Useful links, including the [National Childbirth Trust](#)

A partnership between:

Great Ormond Street Hospital for Children **NHS** TRUST

INSTITUTE OF EDUCATION UNIVERSITY OF LONDON

Serving professionals and parents throughout the NHS - UK wide

UK Screening labs map

A clickable map of all UK screening labs



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UK Newborn Screening Programme Centre

Information

Map of UK Screening Labs

[Click here to view details](#)



Belfast
Royal Victoria Hospital CHT, PKU, CF

Birmingham
Birmingham Children's Hospital CHT, PKU, CF

Glasgow
The Institute of Medical Genetics CHT, PKU

Key
 CHT - Congenital Hypothyroidism
 PKU - Phenylketonuria
 CF - Cystic Fibrosis
 HbO - Haemoglobinopathies

Select a location

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LEAPS AND BOUNDS

Annual Report 2001/02

Great Ormond Street Hospital for Children is well placed to continue its tradition as a national and international centre of excellence in child health, maintaining its motto of serving 'The child first and always'.

[View PDF of the 2001/02 Annual Report](#)

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www.goshkids.nhs.uk

hey kids!

gosh!
what's up?
real stories
your story
your diary
ask doc
your body
dictionary

goshstars
Find out how Harry Potter is helping GOSH Kids to get better
[Click here](#)

gosh toons
just 4 fun
games

It's easy to worry about coming into hospital. What will it be like? What will the people be like? How will my treatment go? GOSHKids is here to help you find out. It's somewhere you can tell your story too - Welcome to GOSHKids!

ed

win! >> WRITE4GOSH Find out about Write4GOSH

Enter your e-mail address

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body tour

gosh!
what's up?
real stories
your story
your diary
ask doc
your body
dictionary

gosh toons

1. hair
2. skin
3. eyes
4. ears
5. brain
6. digestion
7. blood
8. muscles
9. bones
10. heart
11. lungs
12. liver
13. kidneys

Heard a word you don't know? Check out the online dictionary

gosh toons

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6T - Young Adults and Teens Health

welcome

IN ASSOCIATION WITH BBC1

www.goshteens.nhs.uk

CHATROOMS
MESSAGEBOARD

HOSPITAL LIFE
ILLNESSES
REAL STORIES
INTERACTIVE YOUR BODY
PROBLEMS
DICTIONARY
CELEBS
TOONS
COMPETITION
GAMES
PARENTS

POLL

What new feature would you most like to see?

win! >> WRITE4GOSH Find out about Write4GOSH

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YOUR TURN: **REAL STORIES:** **DICTIONARY:** **PROBLEMS:**

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Find out about your body with **Teen Species**, and then tell us about your teen life.

Body
What's happening to my body? Find out why teenagers grow taller, get spots and sprout hair.
[Growth](#) | [Spots](#) | [Hair](#)

Behaviour
Are teenagers really more moody? Why do they need more sleep? Here's the low-down on life as a teenager.
[Moods](#) | [Rows](#) | [Sleep](#)

Interactive body
Take an interactive tour of the teenage body.

What sex is your brain?
Do you think like a boy or a girl?

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gosh tots	GOSH kids	WRITE 4 GOSH	GT
GOSHTots for young children	GOSHKids for kids	Write4GOSH children's writing prize	GT for young adults and teens

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Tel: +44 (0)20 7405 9200, Fax: +44 (0)20 7829 8643
and The Institute of Child Health, 30 Guilford Street, London WC1N 1EH
Tel: +44 (0)20 7242 9789, Fax: +44 (0)20 7831 0488

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gosh tots [www.goshkids.nhs.uk](#)

Welcome to GOSHTots

My visit to hospital

tots

smile

playtime

peter pan

GOSH pets

the tots

smile!

playtime

peter pan

GOSH pets

parents

If you would like to support the work of GOSH please visit our [charity website](#)

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WRITE 4 GOSH

The Great Ormond Street Children's Writing Prize 2003

[www.write4gosh.nhs.uk](#)

news

WRITE 4 GOSH

stories

judges

prizes

how to enter

hints and help

GOSH kids

Write4GOSH marks the 150th birthday of Great Ormond Street Children's Hospital by bringing together stories and experiences from children across the country. [Find out more about the competition >>](#)

write

Celebrity judge Danni Minogue enjoys nothing more than curling up with a good book. [Enter your story now >>](#)

4

Bestselling children's author Jacqueline Wilson launched Write4GOSH with a special workshop for young writers.

press

rules

links

parents

Parents if you would like to support the work of GOSH please visit our [charity website](#)

The Great Ormond Street Children's writing prize

Registered Charity No. 235825

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gosh tots [www.goshkids.nhs.uk](#)

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My visit to hospital

tots

smile

playtime

peter pan

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Smiles at night

SMILES

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Children First **NHS**
and always

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GT LATEST

- Find out what it's really like in hospital.
- Share your view on the world.
- Problems? Take a look at the problem page.
- The news and stories that matter to you.
- Looking 4 answers? Try the health and hospital messageboards.
- Get the latest celeb goss from Sneak magazine.
- Go global. Check out WorldFirst.

NEW ON KIDS1ST

- Read lots of real stories about health and hospital.
- Find out about your body and your health.
- What do kids really think of burgers and chips?
- Being bullied? Find out what you can do to stop it.
- Check out our wizard Harry Potter section.
- Take a look our fun stories about your favourite stars.
- Read children's real stories from all over the world.

GT Health and life for teens and young adults

KIDSFIRST Hospital and health for children

TOTSFIRST Coming into hospital for younger children

WorldFirst Bringing the world together through health

WORLDFIRST

Last updated: 27th June 2003
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Reviewed by Children First
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tots

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my visit to hospital

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HOSPITAL

parents

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- Real stories
- Body tour
- Messageboard

HOSPITAL

- My hospital
- Treatment
- Dictionary
- Messageboard

LIFE

- News
- Bullying
- Problems

PARENTS

- About us
- Safety
- Data Protection

REAL STORIES

Read Katie's story about her birthmark. Share your STORY...

WHAT IS HOSPITAL REALLY LIKE?

What to expect on your first day. And what YOUR HOSPITAL is like.

STAR BURST

The inside story on BUSTED, BECKS and all your favourite stars!

TOON TIME

Find out about HOSPITAL life with the Toons.

DICTIONARY

What's that word mean? OUR DICTIONARY can help you find out.

PROBLEMS

Find out about BULLYING and other PROBLEMS.

MESSAGEBOARD

Can't find something? Check-out the MESSAGEBOARD.

your world

Send in your pictures

wizard fun

Take a look at our magical new Wizard section

Have your say about this website

Children First **NHS**
and always

interactive

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Inside your world
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Celebs
Get gaming news

INSIDE HOSPITAL

Your hospital
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Sign-up as a GT Columnist
Tom and Joleen have their say on life.

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INSIDE YOUR HEALTH

What to expect
Day 2 Day
Messageboard
Treatment

INSIDE YOUR REAL STORIES

Checkout the stories
Share your experiences

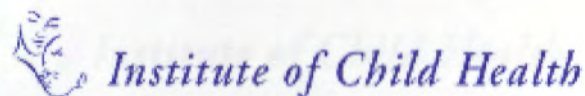
INSIDE YOUR BODY

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ask the expert



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Welcome to the joint site of the Great Ormond Street Hospital for Children NHS Trust and the Institute of Child Health.

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Accommodation Services

News

► Major advances in our understanding of a rare genetic disorder caused by excess...



► GOSH's clutch of international nurses were featured in a profile...

Events

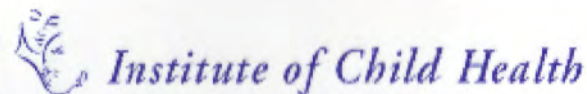
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GOS2000
learn more...



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Patients and Families

Welcome to our patient and family services!

Use this page as a gateway to our many support services, or try exploring our many fact sheets (coming soon) on medical procedures, ailments and diseases. We have a lively range of support services for children and teens, including our radio station (Gosh Radio) and children's school.

Coming to GOSH

[How to get here](#)[When your child is admitted](#)

Child Rights

[Child Protection](#)

Child Media

[Radio Gosh](#)[Games](#)

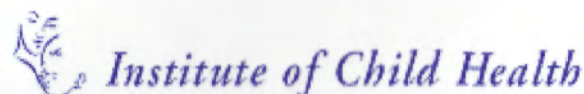
Family Services

[Interpreting Service](#)[Volunteering](#)[Social Work](#)[Other Services](#)

Getting Help

[Child Death helpline](#)[Bereavement Services](#)[Chaplaincy](#)[Family Resource Centre](#)[Ethnic Minority Patient Advocate](#)

Ellie Killengray (above) from Chingford, East London suffers from a rare neonatal disorder, PHHI, which has puzzled doctors and scientists for years. PHHI is when excess insulin is churned out by the baby's pancreas. In severe cases



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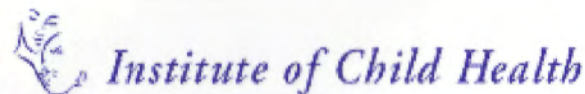
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Medical Professionals

Search here to explore our services, make a referral, attend a course or conference, and connect with our researchers. Our site is currently under re-development, and we welcome any comments on how we can better serve your information needs (*Web editor*).

[Nursing and Family Directorate](#)**Clinical Nurse Specialist**[Clinical services](#)**Audiological Medicine**[Risk Assessment Files](#)[Clinical Molecular Genetics Society](#)[Children's Pain Assessment](#)[International and Private Patients](#)[Referrals](#)[Academic Units](#)**Behavioural Sciences Unit**[Centre for Evidence-Based Child Health](#)[Systematic Reviews Training Unit](#)[Gene Therapy of Childhood Diseases](#)[Centre for Immunology](#)[Educational Opportunities](#)[Recruitment](#)[Courses and Conferences](#)



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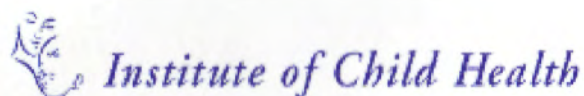
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Researchers




Welcome to our researchers page!

Together, the Hospital and the Institute of Child Health offer a rich source of knowledge on child health. Explore our research themes, link with colleagues or conduct a search.

[Research Themes](#)[Job Opportunities at UCL](#)[Academic Unit Pages](#)[National Research Register](#)[R&D Office](#)[R&D Information for ICH/GOS Staff](#)[R&D Project Registration](#)[Guide to Completion of R&D
Registration Form](#)[Case-note Review Form](#)[Ethics Application Forms](#)[New Guidelines for the Research Ethics
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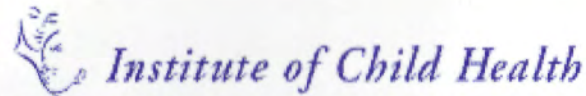
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Clinical Services

Welcome to our clinical services!

Scroll through this gateway page to find the clinical service you want. We also have a list of consultants' emails for referrals.

Clinical services**Audiological Medicine**[Directorate of Nursing and Family Services](#)[Referring
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Patients](#)[Consultant's Emails](#)[Directorate of Nursing and
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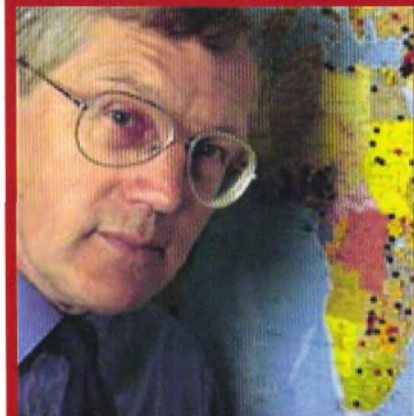
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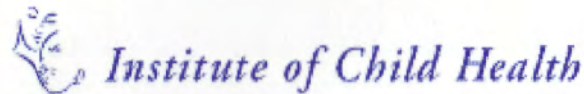
GOSH Global

Welcome to our global pages!

The Hospital and the Institute are world leaders in child health and research. We treat children from around the world, and contribute to global child well-being through our Centre for International Child Health.

[International/Private
Patients](#)[Centre of International
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Professor Andrew Tomkins works with a team to encourage safer motherhood and newborn care in developing countries



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Press Office

Welcome to our Press Office!

Scroll through our statements, publications and press releases, or learn more about the rich history of our work. We have been in the forefront of child health for over 150 years. Contact us at (020) 7829 8671.

Statements

Press Releases

- Early action tackles deafness in East End *July 2001*
- New Chairman at Great Ormond Street *24th January 2001*
- Board change at GOS *24th Jan 2001*

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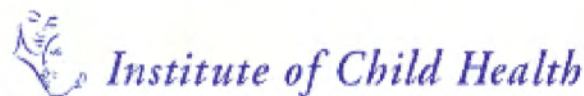
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Campaigns

Welcome to our campaigns page!

Cutting edge treatment and research does not come cheap. For our supporters we have put together an active schedule of activities across the country. Scroll through our campaigns and find out more about our work, and pick your favourite way to help us.





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Great Ormond Street
LONDON WC1N 3JH

Phone: +44 (0) 20 7405 9200
Fax: +44 (0) 20 7829 8643

Institute of Child Health
30 Guilford Street
LONDON WC1N 1EH

Phone: +44 (0) 20 7242 9789
Fax: +44 (0) 20 7831 0488

For information on how to...

...refer a child to GOS contact
Denise McCormack
International and Private Patients

Email: mccord@gosh.nhs.uk
Phone: +44 (0) 20 7829 8633
Fax: +44 (0) 20 7829 8635

To refer a child to GOS for private treatment please contact Denise McCormack. We will require the latest medical report in English before we can refer any case onto any Specialist.

...contact a doctor at GOS for an opinion
Denise McCormack
International and Private Patients
Email: mccord@gosh.nhs.uk

...come to GOS/ICH to study

...on short courses at GOS/ICH
Courses and Conferences Office
Email: courses@ich.ucl.ac.uk

...find out about fundraising for GOS
Fundraising Office

...contact a patient at GOS
GOS patients do not currently have email access. However, older children can access the internet in the hospital school so they can be contacted via their hotmail or similar address. Check with the child first.





Institute of Child Health

Great Ormond Street Hospital for Children



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**Great Ormond Street
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Great Ormond Street

The new joint website of Great Ormond Street Children's Hospital and the Institute of Child Health

Welcome to our site! You can view our legacy pages from [our old site](#), or explore our new pages.

Quick search for departments and units

Please select

News



► Eight million babies worldwide die before they reach the age of one month, 98 percent of these are in developing countries. Cheap and simple investments in health care could save millions of newborn lives, according to State of the World's Newborns - a new report released by the ICH-based charity Women and Children First (WCF) - in association with Save the Children (US). [Read](#)

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Search for a member of staff:

[ICH Directory](#)
[GOSH Directory](#)

Events

4 November 2001: New York Marathon Run the big apple for little children!

21 November - 5 December: Young World Concerts 2001 Series of concerts by school children from across the UK, to raise money for GOSH.

13-15 November 2001: Beaujolais Challenge: The



Institute of Child Health

and Great Ormond Street Hospital for Children NHS Trust

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Through its innovative research and its high-quality training programmes, the Institute of Child Health has created a world class centre for the study and treatment of childhood disease. Together with Great Ormond Street Hospital, it has made a major contribution to the health and well-being of children and their families worldwide.



THE QUEEN'S

This site is designed for clinical and research professionals. If you are a member of the public, please visit the [about us](#) page for more general information about our work.

News...

A new academic unit at ICH



A new academic unit, Infectious Diseases and Microbiology, has been created at the Institute, headed by Nigel Klein, Reader in Infectious Disease and Immunology. The unit will be within the Theme of [Infection and Immunity](#), and will be the key element in the formation of the new Friends of the Children of Great Ormond Street Centre for Childhood Infectious Disease, due to be established as part of the development of the Institute in the next few years.



Events...

Attention research students: Bio Medical Sciences open day
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Great Ormond Street
LONDON WC1N 3JH

Phone: +44 (0) 20 7405 9200
Fax: +44 (0) 20 7829 8643

Ask GOSH a question: info@gosh.nhs.uk

For information on...

How to refer International or
Private Patients, or contact a
doctor for an opinion, contact
Denise McCormack
International and Private Patients

Institute of Child Health
30 Guilford Street
LONDON WC1N 1EH

Phone: +44 (0) 20 7242 9789
Fax: +44 (0) 20 7831 0488

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... short courses at GOSH/ICH
Courses and Conferences Office
Email: courses@ich.ucl.ac.uk

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Patients and Families

Welcome to our patient and family services!



**Ask
Dr Jane
Collins...**

THE TIMES

Use this page as a gateway to our many support services, or try exploring our many [fact sheets](#) on medical procedures, ailments and diseases. We have a lively range of support services for children and teens, including our radio station (Gosh Radio) and children's school.

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
Ellie (above) from Chingford, East London suffers from a rare neonatal disorder, PHHI, which has puzzled doctors and scientists for years. PHHI is when excess insulin is churned out by the baby's pancreas. In severe cases like Ellie's, the pancreas is

Ask Dr Jane Collins...


Dr. Jane Collins is a consultant paediatric neurologist and is the chief executive of the Great Ormond Street Hospital for Children NHS Trust. Her column appears regularly in The Times of London newspaper.

Articles


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Asthma - The Times, 25 Apr 2000

Asthma affects one in seven children in the UK. The prevalence has increased steadily over the last 30 years and there are now more children than ever before with asthma. The good sign though is that the rate of increase is beginning to level off.

There are several theories as to why more children are suffering from asthma. The hygiene hypothesis, which may also be relevant in food allergy as mentioned a few weeks ago, is probably the most convincing. We are living as smaller family units in better insulated, cleaner homes and children today are less likely to be exposed to germs in the environment. Children don't have the same opportunity to build up their immune system by fighting infections. A strong



A-Z of child complaints

Information for families **Guidelines and Treatment of Anaphylaxis**

Please use the indexes below to find the factsheet you need.

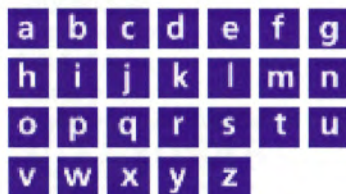
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Download PDF of 'Guidelines and Treatment of Anaphylaxis' factsheet

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After use
Looking after your autoinjector (pen)
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How an Epipen® saved Lucy's life.
Useful contact addresses



Introduction

This leaflet explains anaphylaxis and what to do if your child suffers from this severe form of allergic reaction.

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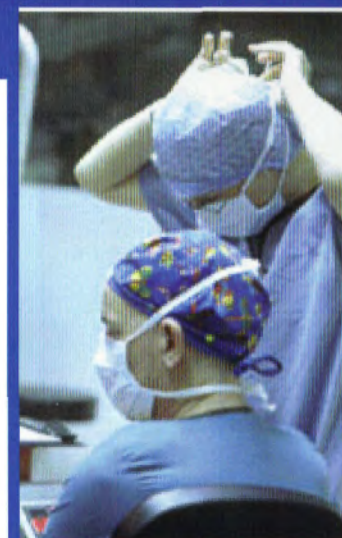
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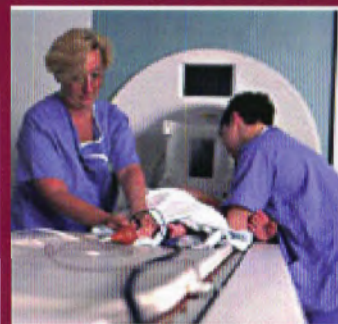
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GOSH International

Welcome to our international pages!

The Hospital and the Institute are world leaders in child health and research. We treat children from around the world, and contribute to global child well-being through our Centre for International Child Health.

International/Private Patients



Centre for International Child Health



Professor Andrew Tomkins works with a team to encourage safer motherhood and newborn care in developing countries



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Welcome to our Press Office!

Scroll through our statements, publications and press releases, or learn more about the rich history of our work. We have been in the forefront of child health for over 150 years. Contact us at (020) 7829 8671.

Statements

[Assistance for parents concerned about organ retention \(30th Jan 2001\)](#)

Press Releases

- [No.1 hit boy band surprise a big fan at Great Ormond Street Hospital](#)
- [Simple blood test should help doctors treat meningococcal disease](#)



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Campaigns

Welcome to our campaigns page!

Cutting edge treatment and research does not come cheap. For our supporters we have put together an active schedule of activities across the country. Scroll through our campaigns and find out more about our work, and pick your favourite way to help us.



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The new joint website of Great Ormond Street Children's Hospital and the [Institute of Child Health](#)

Welcome to our site! You can view our legacy pages from our [old site](#), or explore our new pages.

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Events

December 2001 - January 2002: Can you help? Great Ormond Street celebrates its 150th birthday in 2002 and we're looking for ex-patients and staff to share their memories and experiences throughout the Hospital's history. Contact Marcella McEvoy on 020 7829 8671.

All 2002: Join in the fun! Help us raise millions for the care of children at the Hospital, by attending one of the many events planned for the year.

News



► **5* research at the Institute** ICH has been awarded 5* for its research, the majority being judged of international significance. [Read more...](#)



► **Harry Potter casts his spell** Magic of popular children's book is being used to help young people with psychological difficulties. Read more... [Read more](#)



► **Children are the story of our work** See what Joshua, Holly, Jake, Muhammed, Stacey-Jane... and even Spike the dog are up to! [Read more...](#)



► **Dr Jane Collins column online** Popular Times column dispenses jargon-free advice. Read more... [Read more...](#)



Festive greetings from Great Ormond Street Children's Hospital and the Institute of Child Health!
Click the presents to unwrap our top health tips for families this season (or click [here](#) for text only version) --
and keep the Yuletide jollies jolly! Each gift contains a hidden gem provided by our team of virtual santas to help parents
and children avoid any pitfalls, and ensure a safe and healthy holiday season...

Why do we seem to have rows over Christmas?

The run up to Christmas can be exhausting and stressful. A lot of thought, time and money goes into preparation and expectations for a joyful break can be high. Financial worries, difficulty switching off from work, tiredness and differences of opinion can all set off rows.

Planning, pacing and a flexible approach can help prevent tempers from rising. It is unlikely that every member of the family will have the same idea about what makes a good Christmas. Make a family plan, including something for everyone and decide who is doing what to help and when. It may be worth going through the TV guide and sorting out clashes before they arise, and have a videotape ready for when Christmas dinner over runs!

Being flexible about when and how things are done will avoid disappointment when things do not go to plan. Going out for a family walk after a big dinner will help any stress to dissipate.

Polly Carmichael, Clinical Psychologist at Great Ormond Street Hospital (GOSH)



Research has voted PlayStations the number one toy for boys this Christmas. Is there any limit on the amount of time children should spend on PlayStations?

Without a doubt PlayStations are popular and children (and adults!) can spend many hours seemingly glued to the screen. PlayStations and computer games can be helpful for developing manual dexterity, and some games are mentally challenging.

It may be that PlayStations are more popular with boys as there are more games available appealing to their interests. The problem is not so much the PlayStations themselves, but the content of games and the length of time spent playing. Some games have been criticised for reinforcing gender stereotypes, and there have been some concerns raised about links between aggressive games and behaviour. It is important for parents to be aware of the content of games and how long spent playing them.

Some children have developed repetitive strain injuries. If your child is going to spend time on a PlayStation it is well worth paying attention to seating and the position of the console. Balance is the key -- if your child is spending all day glued to the console it is time to think together about other activities they can enjoy.

Polly Carmichael, Clinical Psychologist at Great Ormond Street Hospital (GOSH)



Are there any dangers in children not getting enough sleep over Christmas?

Sleep assists in growth and restoration of the body. There is no universally right or wrong sleep pattern. Whatever suits the individual and the family is the right solution. Christmas is an exciting time for children and normal bedtime routines are often disrupted. In the long run it can be less stressful for parents and children to be flexible and enjoy the moment, rather than worrying too much about a little loss of sleep. However children differ in their need for sleep and parents will know if their child is getting over tired. Lack of sleep can lead to short tempers and tears in children as well as adults. If your child becomes over tired and irritable, take some time out to quietly read a story or go for a walk in the park -- and perhaps plan for bedtime a little earlier that night. Even if bedtime is later than usual, leave plenty of time to unwind and go through usual bedtime routines. If your child has a good bedtime routine and usually sleeps well, a little less sleep or a brief change in routine is unlikely to cause any long term problems.

Polly Carmichael, Clinical Psychologist at Great Ormond Street Hospital (GOSH)



Depression is something that can affect many teenagers over Christmas. Why do you think this is and are there any tips for preventing it?

During adolescence teenagers seek to establish their sense of themselves as individuals and begin to develop independence, often by distancing themselves from their families. The approval and opinion of peers often seems more important than that of their family.

Christmas can be a time when teenagers see less of their friends and perhaps more of their family than they are used to. It can feel as though they have lost their developing independence. To avoid teenage blues over Christmas, put aside some time to provide opportunities for listening and accept what is said at face value. Negotiate family expectations for Christmas and be prepared to compromise.

Teenagers can often seem moody and uncommunicative and it is important to know the difference between what is a passing sad mood and serious depression. Depression is more common among adolescents than other children, particularly in girls. This may be linked to hormonal changes in puberty, or to the differing role demands on male and female adolescents. In general depression is often associated with a loss of some kind, for example an important relationship or not achieving a valued goal.

It can be difficult to spot depression in adolescents. Signs of depression can include deterioration in relationships with family, friends and teachers, or giving up hobbies, losing interest in school or not doing well, including difficulties with concentrating. Other signs are over-eating or not eating enough and changes in sleep patterns. In some cases an adolescent who is depressed can take risks such as drinking too much or getting into dangerous situations. If symptoms persist for more than a few weeks, and talking about worries does not seem to have helped, seek professional advice.

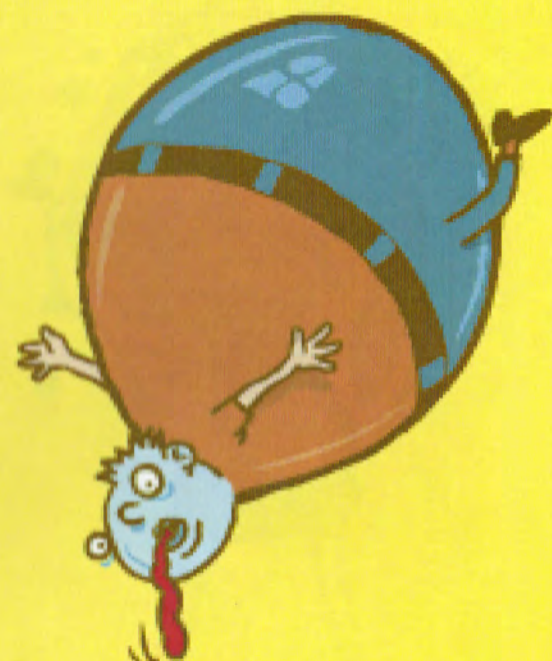
Polly Carmichael, Clinical Psychologist at Great Ormond Street Hospital (GOSH)



Are there any risks involved for children blowing up balloons? How can I tell if my child has an allergy to balloons and how should I deal with it?

You would think that a balloon should not be a problem but in fact it can cause severe reactions in people who are allergic to latex. This is because rubber balloons are usually powdered and, as the balloon stretches when it is blown up, the powder flies off into the air and can be inhaled, causing a reaction in affected individuals. Runny nose, itchy eyes, swelling around the lips may all be early signs of a reaction which could lead to wheezing and breathing difficulties. Avoidance is the ideal answer, making sure all your family and friends know about the problem. Foil balloons are fine.

Terry Durack - Clinical Supplies Advisor at GOSH



What Christmas foods cause the most serious allergies?

Your child may not be diagnosed as being allergic to latex but may suffer from other allergies such as asthma and/or eczema or food allergies such as kiwi fruit, bananas, avocados, or chestnuts (something that is popular in Christmas cooking). These foods have a protein similar to latex, so avoid them if possible; check content labels carefully.

Christmas is a time when 'nibbles' are left out, particularly peanuts. Small children have a tendency to pick up these tasty items and either swallow them whole (getting them stuck in their gullet) or stick them in their noses or ears. Also try and remember to cut up food into small pieces as they may not chew it properly. One of the problems we often see in our operating theatres over the holidays are chunks of meat that have become stuck.

Terry Durack - Clinical Supplies Advisor at GOSH



Should parents be aware of any dangers involving children when putting up Christmas decorations around the house?

Candles and fires that look real have become popular -- and those little dancing flames attracts not only moths! Live flames should never be left unattended or where little hands or fingers can get at them.

Speaking from personal experience, glittering lights and baubles are like magnets to some children; smashed decorations can be the minor problem if a child pulls the tree over (when my brother was two years old he did it twice with no injuries fortunately). Live holly berries that fall off as the wreath gets dry is not a recommend food for anyone except birds. Any small, brightly coloured thing that can fall off a decoration may spell danger for small people, so be careful.

Terry Durack - Clinical Supplies Advisor at GOSH



What are the common respiratory child ailments over Christmas and are there any measures that parents can take to reduce the onset of these?

We all know that the winter and Christmas time is associated with an increase in coughs and colds. One virus which likes wintertime is the Respiratory Syncytial Virus (RSV). This is the main cause of 'bronchiolitis', a lung infection. While most of us just suffer sore throats and feeling lousy there are a group of children who are at greatest risk. These are the under one year olds. In this age group, the virus may cause fever, coughing, wheezing, and difficulty with breathing and feeding. This virus is carried in the air and spread by coughing and sneezing. While it is impossible to prevent babies catching it (unless you wrap them in cotton wool), you can reduce the chances of catching it by simple methods. If you have a cold then try and avoid cuddling and kissing other people's babies. Just by simply covering your mouth when coughing and sneezing, you will reduce the spread of the virus.

Another respiratory disease which is often made worse in winter is asthma. There are many children who suffer more asthma attacks because of the change in weather and increase in viral infections. It is important to follow simple hygienic rules as discussed above. If you have asthma, then it is very important that you follow your doctors advice, particularly -- don't forget to take your medicines over this time of year.

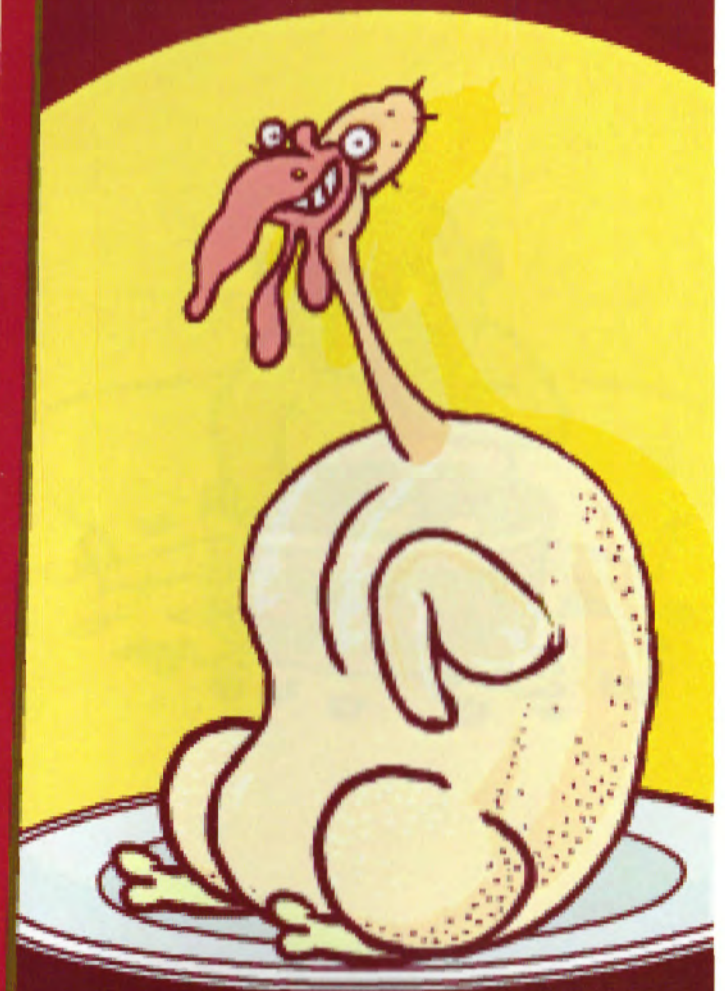
Adam Jaffe, Respiratory Consultant at GOSH



How nutritious is the traditional Christmas lunch for children?

The first course of the traditional Christmas lunch with turkey, stuffing, potatoes and two to three portions of vegetables provides a good balance of items from different foods groups -- meat, starchy foods and different kinds of vegetables. Pile on plenty of vegetables and go easy with the stuffing and roast potatoes. The Christmas pudding and mince pies and accompaniments are very high in fat and are not a good follow-on for such a heavy first course. Think about saving the pudding and mince pies for later, to follow a lighter meal, and substitute a fresh fruit salad or some jelly or meringues. You can cut down on the fat in the main course by not eating the skin of the turkey -- most of the fat is just under the skin, or by not putting butter on the vegetables and by boiling the potatoes before putting them in the oven for a final roast with only a small amount of fat. Try to find a Christmas pudding that uses plenty of dried fruit and not much suet. And instead of the cream or brandy butter, try a low fat ice cream, custard made with skimmed milk or low fat fromage frais mixed with a touch of brandy.

Margaret Lawson, GOSH Dietician and Senior Lecturer in Paediatric Nutrition at the Institute of Child Health - Research Partner of GOSH



Should parents feel guilty about their child eating lots of chocolate over Christmas?

Eating a lot of chocolate over a short period of time probably doesn't matter too much. But putting a lot of emphasis on chocolate over Christmas sends out messages to young children that chocolate is important. The danger is that they will continue to want to eat lots of it after the festive season, and this could lead to problems with weight and with teeth.

Encourage everybody -- adults included -- to dip into healthier options such as grapes or little satsumas or tangerines. Other treats such as popcorn and nuts can also be a good substitute when the family wants something to nibble -- so make sure that there are bowls of these foods rather than chocolates. Hide the chocolates away and only bring them out after meals, when hopefully nobody will have too much appetite for them.

Margaret Lawson, GOSH Dietician and Senior Lecturer in Paediatric Nutrition at the Institute of Child Health - Research Partner of GOSH





Top Christmas Health Tips from our Experts



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Festive greetings from Great Ormond Street Children's Hospital and the Institute of Child Health! [Click here](#) to see the animated version, or read on to keep the Yuletide jollies jolly! Each tip is provided by our team of virtual santas to help parents and children avoid any pitfalls, and ensure a safe and healthy holiday season...

Top tips

1. Why do we seem to have rows over Christmas?
2. Is there any limit on the amount of time children should spend on play stations?
3. Are there any dangers in children not getting enough sleep over Christmas?
4. Depression
5. Are there any risks involved for children blowing up balloons?
6. What Christmas foods cause the most serious allergies?





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Planning, pacing and a flexible approach can help prevent tempers from rising. It is unlikely that every member of the family will have the same idea about what makes a good Christmas. Make a family plan, including something for everyone and decide who is doing what to help and when. It may be worth going through the TV guide and sorting out clashes before they arise, and have a videotape ready for when Christmas dinner over runs!

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The ICH Research Review 2000 is

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GOSH Directory
Email: info@gosh.nhs.uk
Events
December 2001 - January 2002: **Can you help?** Great Ormond Street celebrates its 150th birthday in 2002 and we're looking for ex-patients and staff to share their memories and experiences throughout the Hospital's history. Contact Marcela McEvoy on 020 7629 8671.
All 2002: Join in the fun!
Help us raise millions for the care of children at the Hospital, by attending one of the many events planned for the year. *Compline*


Institute of Child Health

Great Ormond Street Hospital for Children

NHS Trust




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Through its innovative research and its high-quality training programmes, the Institute of Child Health has created a world class centre for the study and treatment of childhood disease. Together with Great Ormond Street Hospital, it has made a major contribution to the health and well-being of children and their families worldwide.

This site is designed for clinical and research professionals. If you are a member of the public, please visit the [about us](#) page for more general information about our work.



News...

5* research at the Institute
ICH has been awarded 5* for its research, the majority being judged of international significance. *Read more...*


New report on world's newborns
Eight million babies worldwide die before they reach the age of one month -- 98 percent of these are in developing countries. Cheap and simple investments in health care could save millions of newborn lives. *Read more...*
GOS/ICH Springboard Research Training Fellowships
read more...
PhD Studentships *read more...*


THE QUEEN'S ANNIVERSARY PRIZES
FOR HIGHER AND FURTHER EDUCATION


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Patients and Families




Welcome to our patient and family services!

Ask Dr Jane Collins...
Use this page as a gateway to our many support services, or try exploring our many fact sheets on medical procedures, ailments and diseases. We have a lively range of support services for children and teens, including our radio station (Radio Gosh) and children's school.
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How to get here
When your child is admitted
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Hospital School
More on GOSH
Child Media
Hospital Tour
Radio Gosh
Games
Getting Help
Ask Dr Jane Collins
Child Death Helpline
Bereavement Services
Chaplaincy
Social Work


Ellie (above) from Chingford, East London suffers from a rare neonatal disorder, PHH, which has puzzled doctors and scientists for years. PHH is when excess insulin is churned out by the baby's pancreas. In severe cases like Ellie's, the pancreas is removed entirely. Thanks to groundbreaking research into this rare disorder at the hospital, children like Ellie can now lead active lives.


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Information for families


Please use the indexes below to find the factsheet you need.
Tests and procedures
Operations
Illnesses and diseases
Miscellaneous
Or search the full alphabetical index:

a	b	c	d	e	f	g
h	i	j	k	l	m	n
o	p	q	r	s	t	u
v	w	x	y	z		

The handbook and factsheets have been written by staff at Great Ormond Street Children's Hospital. While they are intended to be used by families and parents at Great Ormond Street, other people may find them useful too.

- Welcome to our hospital - a handbook for parents *useful info about coming to stay at the hospital*
- factsheets covering different conditions, disorders, procedures and discharge information
- How to get a referral for your child to Great Ormond Street Children's Hospital

If you want information about something that isn't here, please contact the Health Information Centre



This information does not constitute health or medical advice and will not necessarily reflect treatment at other hospitals. If you have any questions, please ask your doctor. No liability can be taken as a result of using this information.

Directory of factsheets
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Ask Dr Jane Collins...

Dr. Jane Collins is a consultant paediatric neurologist and is the chief executive of the Great Ormond Street Hospital for Children NHS Trust. Her column appears regularly in The Times of London newspaper.

Articles

Mind

Please select

Body

Please select

Relationships

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Tips

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A-Z of child complaints

a b c d e f g
h i j k l m n
o p q r s t u
v w x y z

Asthma - The Times, 25 Apr 2000

Asthma affects one in seven children in the UK. The prevalence has increased steadily over the last 30 years and there are now more children than ever before with asthma. The good sign though is that the rate of increase is beginning to level off.

There are several theories as to why more children are suffering from asthma. The hygiene hypothesis, which may also be relevant in food allergy as mentioned a few weeks ago, is probably the most convincing. We are living as smaller family units in better insulated, cleaner homes and children today are less likely to be exposed to germs in the environment. Children don't have the same opportunity to build up their immune system by fighting infections. A strong immune system could offer protection against as number of things, including the allergens that trigger asthma.

We are certainly better at recognising the signs and symptoms of asthma nowadays and that could also account for a rise in those



جناح المرضى الأجانب والخصوصيين

الرسالة التي يسعى المستشفى الى تحقيقها:

"نسعى لتحسين صحة الأطفال بجعل المستشفى المركز المتفوق الأول في أوروبا في مجال تقديم الخدمات الاختصاصية الطبية للأطفال وجعله ايضا المركز المميز في مجال البحث العلمي والتقييم والتثقيف الخاص بصحة الأطفال".

How to refer a private patient to GOS

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and The Institute of Child Health, 30 Guilford Street, London WC1N 1EH
Tel: +44 (0)20 7242 9780, Fax: +44 (0)20 7831 0488

Hey kids!

Welcome to GOSHKids!

Click on the buttons to the left for awesome articles, fun features and activities – find out everything you could want to know about Great Ormond Street Children's Hospital!

Back top Forward

HEY!

Welcome to GOSH Teens. Click on the buttons to find out everything about Great Ormond Street Children's Hospital!

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Health Professionals

Search here to explore our services, make a referral, attend a course or conference, and connect with our researchers. Our site is currently under re-development, and we welcome any comments on how we can better serve your information needs ([Web editor](#)).

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Annual Report 2000/01



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5* research at the Institute
ICH has been awarded 5* for its research. [Read more...](#)

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privateinfo@gosh.nhs.uk

Job Opportunities:
jobs@gosh.nhs.uk

Switchboard:

Family information online and on sale
The hospital has taken two significant steps to make its extensive range of family information booklets more widely available. Gary Loach reports...

GOSH chief executive tackles top issues
Dr. Jane Collins, GOSH's new chief executive, used a well-attended staff forum to further explore long-standing concerns around flexible working hours, bullying and a rumoured move to a new site. [Read more...](#)

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24 Hour Recruitment Hotline
020 7813 8407

Fax
020 7813 8227

Email
jobs@gosh.nhs.uk

Vacancies
GOSH
ICH
UCL

Careers NHS





Welcome to the recruitment pages of the Great Ormond Street Hospital for Children NHS Trust and the Institute of Child Health. We are:

- A world-renowned centre for cutting-edge research and care
- Now embarking on a major modernisation programme of our facilities and services (please click here to read more about GOS2000). We care for children and adolescents who suffer from serious conditions and who are referred to the hospital for specialist treatment. Our staff, pioneers in making the hospital experience less intimidating for children, also enjoy a lively and friendly work environment.

Further Information

- How to get here
- Living in London
- Staff benefits
- Equality and diversity
- Work experience

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The Children's Pain Assessment Project

Search the site go»

This project is based in Great Ormond Street Hospital for Children and the Institute of Child Health.

The Children's Assessment Project (CPAP) is a three-year practice development project run by Liz Bruce (Clinical Nurse Specialist) and Linda Franck (Professor of Children's Nursing Research) at Great Ormond Street Hospital for Children, London, UK, and funded by a grant from the Foundation of Nursing Studies.

- Background and contact information
- Participants sign in here

180 Beseen
Beseen HIT Counter

This site was last updated
December 8, 2002.
Comments, suggestions?
Email Liz Bruce.

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Overview of GOS2000

Overview of GOS2000 News Update Page - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16

Introduction

The hospital is embarking on a multi-million pound redevelopment plan - GOS2000 and beyond - which will encompass huge changes to both our built environment and the way we provide care to our patients into the next millennium. Here's how this work is developing.

Contents

1. Modern times need modern solutions
2. Changing face of GOS
3. Building for the future - long term benefits
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5. People power
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10. Redeveloping our site
11. Four phases at a glance
12. Major milestone reached
13. What our patients want
14. Here's what one young patient had to say...
15. Our teenagers thought this...
16. Investing in our future

Author: Suzy Sharp, Publications Unit, ext 1020
Line manager: Nigel Clark, Executive Chairman of Fundraising and Public Affairs

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Annual Clinical Governance Report 2000/ 2001

The files are available as pdf format, which requires Adobe Acrobat Reader, if you do not already have the software it can be downloaded free from their website.

[Click here](#) to download a full PDF of the Annual Clinical Governance Report 2000/ 2001 or choose from the sections listed below

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Introduction

Clinical governance is a national framework through which NHS organisations are accountable for continually improving the quality of their services and safeguarding high standards of care by creating an environment in which excellence in clinical care will flourish. [Read more...](#)

Key targets for 2000

[Read more](#)

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Chair's forward

Our mission is to improve the health of children by being a leading centre of excellence in Europe for specialist paediatric services and for research, evaluation and education in child health. [Read more...](#)

Chief executive's review

We provide specialist paediatric services for the UK and beyond. We house 32 medical specialties, more than any other children's hospital in the UK, and treat

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Research Review 2000

The files are available as pdf format, which requires Adobe Acrobat Reader, if you do not already have the software it can be downloaded free from their website.

If you would like to print any of the pages, please note that the Review is not formatted for A4 paper so you will need to select the 'shrink to fit' option from the Acrobat Reader Print Dialog box.

Contents

Front section, including

- Review of 2000
- Dean's Report
- Chief Executive's Report
- Report by the Director of Clinical Research and Development

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Press Office

150 years of caring for sick children.
Join us throughout 2002 as we celebrate our birthday!
Phone: (020) 7829 8671

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- [Backgrounders](#)

Donate!



Scroll through our statements, publications and press releases, or learn more about the rich history of our work. We have been in the forefront of child health for over 150 years. Contact us at (020) 7829 8671.

What's New

7 January 2002
Child Death Helpline acknowledges Brown family grief
[Read more...](#)

News Archive

14 December 2001
Institute of Child Health gets top marks for quality of research
[Read more...](#)

19 November 2001
Mouse gene helps brain form
[Read more...](#)

12 November 2001
Deaf boy makes UK history with two hearing implants
[Read more...](#)

[full archive...](#)

Statement Archive

15 January 2002
International and private patients: the facts

30 January 2001
Assistance for parents concerned about organ retention

29 January 2001
Thymus Glands

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Roundabout online

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Roundabout is the in-house monthly newspaper of GOSH and ICH
In this months roundabout: Online and on sale
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Mouse gene helps brain form -- clue to serious, common birth defects
Harry Potter casts his spell on children at GOSH
GOSH Ethnic Origin Survey 2001
Chief exec's corner
All the latest news on Improving Working Lives
Did you know?
Don't get under the weather this winter
FOCUS: Fundraising at Christmas
GOSH 150th birthday year
Diary of Fundraising Events 2002
[Roundabout homepage](#)

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5* research at the Institute
ICH has been awarded 5* for its research. [Read more...](#)

Family information online and on sale
The hospital has taken two significant steps to make its extensive range of family information booklets more widely available. Gary Loach [reports...](#)

GOSH chief executive tackles top issues
Dr. Jane Collins, GOSH's new chief executive, used a well-attended staff forum to further explore long-standing concerns around flexible working hours, bullying and a





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GOSH International

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Welcome to our international pages!

The Hospital and the Institute are world leaders in child health and research. We treat children from around the world, and contribute to global child well-being through our Centre for International Child Health.

International/Private Patients



Centre for International Child Health



Professor Andrew Tomkins works with a team to encourage safer motherhood and newborn care in developing countries

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Welcome to our campaigns page!

Cutting edge treatment and research does not come cheap. For our supporters we have put together an active schedule of activities across the country. Scroll through our campaigns and find out more about our work, and pick your favourite way to help us.

GOSH
charity website...

GOSH2000
learn more...

click here



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Joint Web Project

Autumn 2002

Second Year of Project



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GOSH charity website...

Welcome to the new joint website of Great Ormond Street Children's Hospital and the Institute of Child Health

9 October 2002

Search the site: [go>>](#)

Email: info@gosh.nhs.uk

GOSHkids
teens

Research Review
The Research Review is jam-packed with stories about our research and achievements. [Read more...](#)

GOSH launches first-ever child-friendly health site
GOSHkids – the first truly child-friendly hospital site. [Read more...](#)

A UK first: child cured by gene therapy
A child has been cured of a fatal genetic condition, X-SCD, by gene therapy at GOSH. [Read more...](#)

ICH heads genetics knowledge park
ICH dean David Latchman is to lead £3 million London IDEAS Park. [Read more...](#)

Clinical improvement for a better hospital
A six-month review has started to produce a new action plan for GOSH. [Read more...](#)

MMR GOSH says "MMR is best and safest option for our children" [Read more...](#)

Jack was born with a cyst on his brain which caused uncontrollable seizures and weakened the left side of his body. [Read more...](#)

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Patients and families

Directorate of Nursing and Family Services

Use this page as a gateway to our many support services, or try exploring our many **fact sheets** on medical procedures, ailments and diseases. We have a lively range of support services for children and teens, including our radio station (Radio Gosh) and children's school.

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info@gosh.nhs.uk

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UK online gov.uk

Dr Jane Collins column online
Popular Times column dispenses jargon-free advice.
A-Z of Child Complaints Articles

Factsheets for families
Large archive developed by our medical and research teams. [Read more...](#)

Joint website puts the child first
Check out our new Teens and Tots

Holly White underwent pioneering surgery at GOSH after a brain scan showed she had moya-moya

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Health Professionals

Search here to explore our services, make a referral, attend a course or conference, and connect with our researchers.

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International & Private Patients
Referring an International or Private Patient
Email: privateinfo@gosh.nhs.uk

Stacey-Jane Panther had surgery at GOSH to correct the effects of Perthes disease, which interrupts the blood supply to the head of the femur (thigh-bone) and makes hip movement painful. [Read more about Holly and others in this year's Annual report](#)

Patient and family factsheets
Download our many factsheets to distribute to families.

Check out our library, selected by the BMJ as an excellent source of paediatric resources.

Clinical improvement
A six-month review has started to produce a new action plan for GOSH. [Read more...](#)

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NHS Local Information Database
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Department of Health

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Research

Together, the Hospital and the Institute of Child Health offer a rich source of knowledge on child health. Explore our research themes, link with colleagues or conduct a search.

Research Review 2001
The Research Review is jam-packed with stories about our research and achievements. [Read more...](#)

ICH heads genetics knowledge park
ICH dean David Latchman is to lead £3 million London IDEAS Park. [Read more...](#)

Cancer gene breakthrough
ICH scientists have identified five genes that are expressed in embryo and cancer cells. [Read more...](#)

Ellie (above) from Chingford, East London suffers from a rare neonatal disorder, PHH, which has puzzled doctors and scientists for years. [Read more about Ellie in this year's Research Review.](#)

Research Review 2001
The Research Review is jam-packed with stories about our research and achievements. [Read more...](#)

Genetic Knowledge
LONDON IDEAS
Improving Health

More research links

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Hospital

Ask GOSH
info@gosh.nhs.uk

Prince Harry visits GOSH
Prince Harry recently paid GOSH a special visit. The affable Prince, who turned 18 on Sunday 15 September, toured the hospital's chapel and met patients on the oncology and dialysis wards. [Read more...](#)

Discussing the changes at GOSH
Last month's staff open forum brought about much debate. Jane Collins stressed at the outset that the changes to the hospital structure, which are currently underway, are designed to ensure that staff are supported in taking on their new roles and responsibilities. [Read more...](#)

Fighting Flu in 2002
Influenza is a highly infectious illness caused by a virus. Symptoms include fever, chills, headache, aching muscles, cough and sore throat. But you can be vaccinated against it. [Read more...](#)

Junior doctors get new representation
Five GOSH junior doctors are teaming up to help ensure that their peers and colleagues' training and development

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Press Office

150 years of caring for sick children.
Join us throughout 2002 as we celebrate our birthday!
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Scroll through our [statements, publications and press releases](#), or learn more about the rich [history](#) of our work. We have been in the forefront of child health for over 150 years. Contact us at (020) 7829 8671.

What's New
3 October 2002
Successful gene therapy trials continue. [Read more...](#)
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27 September 2002
GOSH to celebrate 10 years and 200 cochlear implants with Legoland party. [Read more...](#)
24 September 2002
Elevated leptin in teens linked with dangerous artery changes. [Read more...](#)
16 September 2002
Prince Harry at GOSH. [Read more...](#)
30 August 2002
Ahmed & Mohamed Roski Conjoined twins from Malaysia. [Read more...](#)

New hope or a load of hype?
Public conference aims to explain genetics and our health. [Read more...](#)
GOSH launches first-ever child-friendly health site
GOSHKids – the first truly child-friendly hospital site was launched by GOSH. [Read more...](#)
Babies' ability to recognise faces "tunes in" on humans
A six-month old baby is

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Patients and Families Health Professionals Research Clinical Services GOSH International Press Office Campaigns

Campaigns

150 years of caring for sick children.
Join us throughout 2002 as we celebrate our birthday!

Search the site **GO**

Explore our new **Birthday website**
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Getting Involved
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Volunteers
Gosh Shop
Campaigns
Jeans for Genes
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Muhammed Juma was born with an extra thumb on his right hand and a nodule that was the beginning of an additional finger. Both were removed under general anaesthetic at GOSH. [Read more about Muhammed and others in this year's Annual report](#)

Prince Harry visits GOSH
Prince Harry recently paid GOSH a special visit. [Read more...](#)
Get Involved!
Join the fun and get involved in our activity-packed calendar of fundraising events.
Gosh shop
You can now help us by shopping online!

Friends of Great Ormond Street Children's Hospital
In 2002 Great Ormond Street Hospital is 150 years old!
To celebrate we are offering Family Group membership of the Friends Scheme at a discounted price of £25.00 when you join by standing order (usual price £30.00)!
Offer applies to families joining during 2002 only
To join at this special rate call the Friends office on 020 7404 2708

Institute of Child Health and Great Ormond Street Hospital for Children **NHS** NHS Trust

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Through its innovative research and its high-quality training programmes, the Institute of Child Health has created a world class centre for the study and treatment of childhood disease. Together with Great Ormond Street Hospital, it has made a major contribution to the health and well-being of children and their families worldwide.

Research Review 2001
The Research Review is jam-packed with stories about our research and achievements. [Read more...](#)
5th research at the Institute ICH
has been awarded 5th for its research, the majority being judged of international significance. [Read more...](#)
ICH Dean David Latchman
appointed Master of Birkbeck. [Read more...](#)
Nepali mothers in spotlight
Survey of perinatal health in over 29,000 women completed in Makwanpur, Nepal. [Read more...](#)

Major child health symposium report in.
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Patients and families

Ask GOSH info@gosh.nhs.uk

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Family Factsheets Tests and Procedures Operations Illnesses and Diseases Drugs Miscellaneous

Ask Dr Jane Collins...

A-Z of child complaints

Acne

Up to 85 per cent of 12 to 25 year olds suffer from spots. Boys and girls are equally affected. They usually appear at puberty and reach their peak at 17-21. If untreated, persistent spots or acne, can cause scarring but prompt treatment minimises this. Acne is caused by over-production of oil from the sebaceous glands in the skin mainly on the face, chest and back in response to normal levels of sex hormones. Oil blocks the ducts to the surface of the skin allowing waste cells to accumulate under the skin's surface forming a plug. Bacteria also play a part. Teenage girls often report a flare-up before menstruation. Some find stress and certain foods, especially fast food and chocolate, make acne worse although there is no scientific evidence for this. Some cosmetics provoke spots especially those containing oils, fatty acids and waxes. Acne is not infectious or contagious.

Symptoms: Oily skin with red lumps, yellow spots, blackheads and whiteheads. Teenagers with black skin often find that spots make their skin darker and this pigmentation can last for months.

THE TIMES A-Z of child complaints

a b c d e f g h i j k l m n o p q r s t u v w x y z

Topics

Mind- Please select

Body- Please select

Skin- Please select

Weight & Diet- Please select

Relationships- Please select

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Welcome to Great Ormond Street Children's Hospital/Institute of Child Health. If you have a question, please look through the [Frequently Asked Questions](#) to see if the answer is there. If not, please use the form on this page to contact us.

We are unable to answer queries or offer advice about specific patients and/or their conditions through this website. At the same time, we recognize that visitors to our website may require information about particular paediatric health issues. Please check out our [family factsheets](#) for information on tests, procedures, operations, and various paediatric conditions. You can also read our archive of [Dr Jane Collins' Times column](#), dispensing jargon-free advice on a wide range of paediatric topics.

Subject Choose a subject

Your name

Your email

Message

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Information for families Genetics and inheritance

search the site go

Please use the indexes below to find the factsheet you need.

Tests and Procedures

Operations

Illnesses and Diseases

Drugs

Miscellaneous

Or search the full alphabetical index:

a b c d e f g h i j k l m n o p q r s t u v w x y z

Contents

Background

What are genes?

How can genetic disorders be inherited?

Is it always possible to make a genetic diagnosis?

How can genetic abnormalities be detected?

Contact information

Background

Many immunodeficiency disorders are the result of defects in an individual's genetic makeup. These are mistakes which occur in genes and are passed from generation to generation. Sometimes a genetic mistake (mutation) can occur for the first time in an infant or child when no-one else in the family has had the problem, but in other situations there may be family members who have suffered from the same or similar problems. There are several ways in which mutations can be inherited - these are explained below. In an increasing number of immunodeficiency disorders the precise mistake in the relevant gene can now be identified in the laboratory, and this means that accurate counselling can be offered to the family, and screening tests can be offered in pregnancy if requested.

What are genes?

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search the site go

Please use the indexes below to find the factsheet you need.

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Download PDF of 'The Activities Centre' factsheet

Contents

What is the Activities Centre?

Where is the Activities Centre?

Who can use the Activities Centre?

Who runs the Activities Centre?

What is there to do in the Activities Centre?

What happens when I bring my child to the Activities Centre?

When is the Activities Centre open?

Special needs therapy session

Youth Group

Junior youth group

The Den

This page tells you about the Activities Centre at Great Ormond Street Hospital.

What is the Activities Centre?

It's a place where inpatients at Great Ormond Street Hospital can get away from the medical environment of their ward for a while and have some fun. It's bright and colourful, full of things to do and gives children at the hospital an opportunity to meet other people their own age.

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gosh tots	GOSH Kids	WRITE4GOSH	GT
GOSHTots for young children	GOSHKids for kids	Write4GOSH children's writing prize	GT for young adults and teens

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Great Ormond Street Hospital for Children NHS Trust, Great Ormond Street, London WC1N 3JH
Tel: +44 (0)20 7405 9200, Fax: +44 (0)20 7829 8643
and The Institute of Child Health, 30 Guilford Street, London WC1N 1EH
Tel: +44 (0)20 7242 9789, Fax: +44 (0)20 7831 0488

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gosh tots www.goshkids.nhs.uk

Welcome to GOSHTots

My visit to hospital
tots
smile
playtime
peter pan
GOSH pets

My visit to hospital
the tots
smile!
playtime
peter pan
GOSH pets

parents
If you would like to support the work of GOSH please visit our [charity website](http://www.goshkids.nhs.uk)

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WRITE4GOSH www.write4gosh.nhs.uk

The Great Ormond Street Children's Writing Prize 2003

Write4GOSH marks the 150th birthday of Great Ormond Street Children's Hospital by bringing together stories and experiences from children across the country. [Find out more about the competition >>](#)

news
WRITE4GOSH
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write

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Parents if you would like to support the work of GOSH please visit our [charity website](http://www.goshkids.nhs.uk)

Celebrity judge Dannii Minogue enjoys nothing more than curling up with a good book. [Enter your story now >>](#)

The Great Ormond Street Children's writing prize

Bestselling children's author Jacqueline Wilson launched Write4GOSH with a special workshop for young writers.

Registered Charity No. 239525

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gosh tots www.goshkids.nhs.uk

Smile

My visit to hospital
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smile
playtime
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GOSH pets

Smiles at night

parents
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www.goshkids.nhs.uk

hey kids!

gosh!
Find out how Harry Potter is helping GOSH Kids to get better. [Click here](#)

what's up?

real stories

your story

your diary

ask doc

your body

dictionary

Enter your e-mail address

goshstars
Find out how Harry Potter is helping GOSH Kids to get better. [Click here](#)

Samantha says diagnosis can be very boring. [Click here](#)

Find out about your body with our body tour. [Click here](#)

It's easy to worry about coming into hospital. What will it be like? What will the people be like? How will my treatment go? GOSHkids is here to help you find out. It's somewhere you can tell your story too - Welcome to GOSHkids!

gosh toons

just 4 fun

games

win! >>> WRITE4GOSH Find out about Write4GOSH

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www.goshkids.nhs.uk

body tour

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gosh toons

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2. skin
3. eyes
4. ears
5. brain
6. digestion
7. blood
8. muscles
9. bones
10. heart
11. lungs
12. liver
13. kidneys

Heard a word you don't know? Check out the online dictionary

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GT - Young Adults and Teens Health

welcome

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www.goshteens.nhs.uk

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POLL...

Find out about your body.

Problem? Check out the problem page.

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Cystic fibrosis and me, by Dominic.

Read Richard's story about life in hospital.

Get the lowdown on hospital life.

Jenna talks about life with arthritis.

Tests, and what they're really all about.

What new feature would you most like to see?

Enter your e-mail address to get our newsletter

win! >>> WRITE4GOSH Find out about Write4GOSH

YOUR TURN: REAL STORIES: DICTIONARY: PROBLEMS:

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GT - Young Adults and Teens Health

teen species

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Find out about your body with **Teen Species**, and then tell us about your teen life.

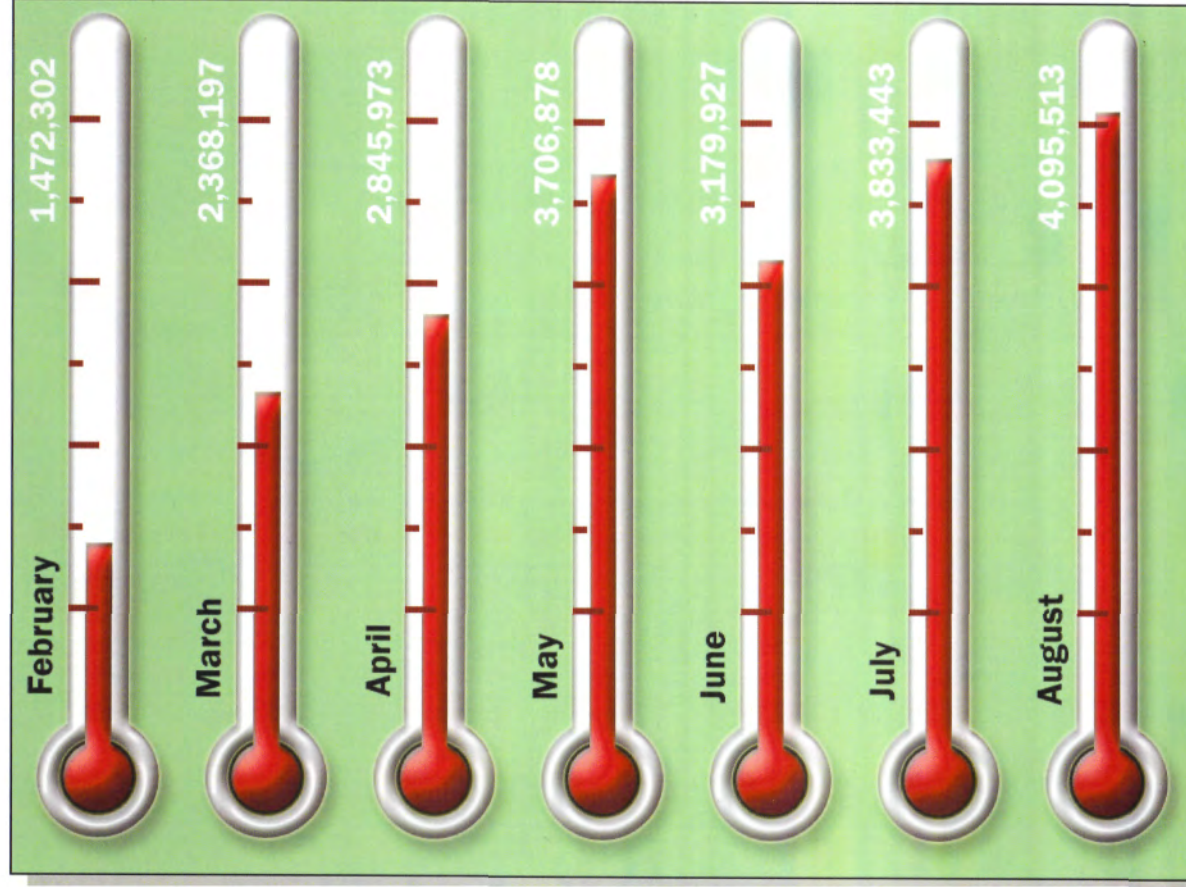
Body
What's happening to my body? Find out why teenagers grow taller, get spots and sprout hair.
Growth | Spots | Hair

Behaviour
Are teenagers really more moody? Why do they need more sleep? Here's the low-down on life as a teenager.
Moods | Rows | Sleep

Interactive body
Take an interactive tour of the teenage body.

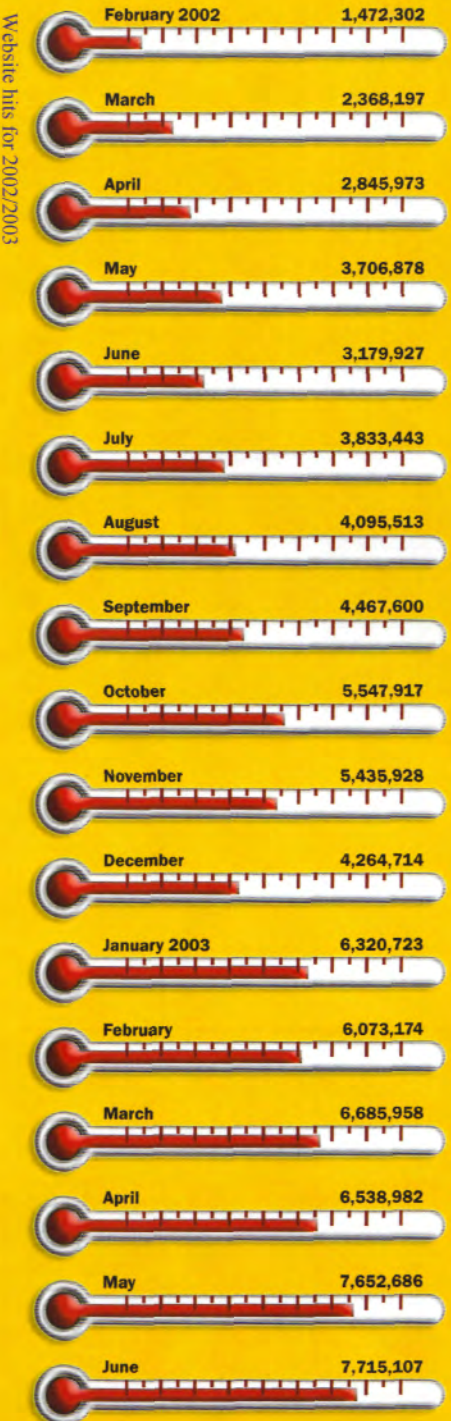
What sex is your brain?
Do you think like a boy or a girl?

Site traffic: up,up,up





GOSH/ICH Child Health Portal

2001 to 2003



Winner 2003


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 Great Ormond Street Hospital for Children  NHS Trust

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 GOSH charity website

 GOSH2000 learn more


Welcome to the new joint website of Great Ormond Street Children's Hospital and the Institute of Child Health

28 June 2003


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GOSH Kids wins award International Childnet award goes to GOSH. [Read more...](#)




Great resources for families Scroll through our large archive of family factsheets. [Read more...](#)




Epilepsy Feature Learn more about groundbreaking advances in the treatment of epilepsy. [Read more...](#)




MMR GOSH says "MMR is best and safest option for our children" [Read more...](#)



Annual Report Highlighting the achievements, developments and stars of GOSH over the year. [Read more...](#)




A UK first: child cured by gene therapy A child has been cured of a fatal genetic condition. X-SCD, by gene therapy at GOSH. [Read more...](#)



Jack was born with a cyst on his brain which caused uncontrollable seizures and weakened the left side of his body. [Read more...](#)

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 ICH JOBS



Through its innovative research and its high-quality training programmes, the Institute of Child Health has created a world class centre for the study and treatment of childhood disease. Together with Great Ormond Street Hospital, it has made a major contribution to the health and well-being of children and their families worldwide.

Search the site 



Research Review 2001 The Research Review is jam-packed with stories about our research and achievements. [Read more...](#)



5* research at the Institute ICH has been awarded 5* for its research, the majority being judged of international significance. [Read more...](#)



New technique for premature babies Up to 30 per cent develop chronic lung disease, but thanks to ICH doctors damage can be limited. [Read more...](#)



Pioneering Professor awarded Lattis prize Prof Annette Karmali-Smith was awarded the prestigious Lattis prize. [Read more...](#)

CHRT studentship

[DEADLINE 24 March 2003](#)

Major child health symposium report in. [Read more...](#)

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Great Ormond Street Hospital welcomes more than 90,000 patients per year. Any donations you make to Great Ormond Street Hospital Children's Charity have a profound effect on the care and treatment we can provide to seriously ill children, topping up the NHS' funding. To find out more about the vital work of the hospital, visit www.gosh.nhs.uk.

Shortcuts:

- ➔ [GOSH2000 re-development](#)
- ➔ [150 years of caring for children](#)
- ➔ [Peter Pan](#)
- ➔ [Schools click here](#)

Make a Donation: phone now on 020 7916 5678

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  Donations in kind

 Donate by cheque
  Other ways to help

Latest news:

- ➔ Go roaring mad at Paradise Wildlife Park
- ➔ Great Ormond Street Hospital celebrates ten years of intensive care unit
- ➔ Kylie's Ka makes a mint for children's hospital
- ➔ Paris to London Bike Ride, 26-31 July 2003

Song of hope for "Miracle Child"
Emma Lucas is a bright and friendly eight-year-old girl whose main concern is getting the next issue of her favourite magazine. But to her parents she is a mini-miracle... [read more](#)

Miffy helps out the hospital
The naming of a new Miffy ward at Great Ormond Street Hospital brings loads of Miffy-related activities to the hospital... [read more](#)

 [GOSH Shop](#)

 [Peter Pan](#)

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 [150 Birthday website](#)

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OUR TOP TIPS

➔ Need some cool fundraising ideas? Find top tips here...

HALL OF FAME

➔ Find out how the most inventive schools raised money in **Schools that Rock!**

EVENT IDEAS

 Fancy dress competition, teaser information about how you might go about it.

➔ Find out more...

HOW YOU'RE HELPING

➔ All the money you raise goes to the Great Ormond Street Hospital Children's Charity. Find out how your money is spent.

WHO YOU'RE HELPING

➔ Find out more about some of our patients.

OUR HISTORY

➔ Tell me more

SCHOOLS PACK

➔ form for schools pack?

MORE INFO

Read about the history of GOSH and the first child admitted when it opened in 1852.

We support fundraising activities by providing a Schools Pack.

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151 years of caring for sick children
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Scroll through our statements, publications and press releases, or learn more about the rich history of our work. We have been in the forefront of child health for over 150 years. Contact us at (020) 7829 8671.

Ketogenic Diet
High-fat diet reduces severe epileptic seizures in children. [Read more...](#)



GOSH Kids wins award
International Childnet award goes to GOSH. [Read more...](#)



Epilepsy Feature
Learn more about groundbreaking advances in the treatment of epilepsy. [Read more...](#)



What's New

3 June 2003
Non-executive director reappointed at Great Ormond Street Hospital for Children NHS Trust. [Read more...](#)

News Archive

27 May 2003
Great Ormond Street Hospital celebrated ten years of intensive care unit. [Read more...](#)

20 May 2003
Healthy start, healthy futures: The future of children and young people's maternity and neonatal health services. [Read more...](#)

2 May 2003
Past and present patients united to celebrate opening of new ward. [Read more...](#)

12 May 2003
New appeal raises £1.5 million for first-ever research chair in

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Ketogenic Diet: FAQs

Epilepsy Unit

Epilepsy: Did You Know?

Press Release: Ketogenic Diet

Press Release: Trapdoor in Head



X-ray of electrodes used in trapdoor procedure






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Patients and families

Ask GOSH
info@gosh.nhs.uk

Directorate of Nursing and Family Services

Use this page as a gateway to our many support services, or try exploring our many fact sheets on medical procedures, ailments and diseases. We have a lively range of support services for children and teens, including our radio station (Radio Gosh) and children's school.

Ask Dr Jane Collins
THE LANCET
Factsheets for families
Large archive developed by our medical and research teams. [Read more...](#)

Joint website puts the child first
Check out our new Teens and Tots

International & Private Patients
Referring an International or Private Patient
Email: privateinfo@gosh.nhs.uk

NHS 0845 Direct 4647
NHS Direct online health encyclopedia

UK online gov.uk

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Holly White underwent pioneering surgery at GOSH after a brain scan showed she had moxa-moxa

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Information for families

When your child is admitted

search the site

Please use the indexes below to find the factsheet you need.

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Or search the full alphabetical index:

Children in hospital
Children in hospital need a parent or someone familiar with them as much as possible. It helps if a parent can stay, at least for the first few nights, although we realise this may be difficult for those who have other children at home.

As a parent you are welcome to be with your child in the hospital at all times (and at no charge). We will always provide somewhere for one parent to stay although we cannot guarantee that this will be at your child's bedside.

A list of local hotels is also available from the family services department if needed.

Talking to your child

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Search [go](#)

UK Newborn Screening Programme Centre

'Quality through partnership in newborn bloodspot screening'

Welcome to the UK Newborn Screening Programme Centre

We hope you will find this website informative and a convenient way of receiving information on the collaborative work that we have planned to assure quality in newborn screening services throughout the UK. We welcome your involvement whether as a professional, parent or interested member of the public and you can find out how to do this in the '[Get Involved](#)' pages.

Through this site we will introduce you to our team and the purpose of our work in '[About us](#)'. You will also be able to access information about our work and its context within the '[Information](#)' pages. A useful [glossary](#) and key to some of the abbreviations used is also available here for your use.

The Programme Centre Team

Latest News

NEWS News and information

FAQs

Q&A Questions answered for parents and professionals

Links

Useful links, including the [National Childbirth Trust](#)

A partnership between:

Great Ormond Street Hospital for Children **NHS** Trust

INSTITUTE OF EDUCATION UNIVERSITY OF LONDON

Serving professionals and parents throughout the NHS - UK wide

UK Screening labs map

A clickable map of all UK screening labs

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UK Newborn Screening Programme Centre

Information

Map of UK Screening Labs

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 PKU - Phenylketonuria
 CF - Cystic Fibrosis
 HbO - Haemoglobinopathies

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2001/02

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LEAPS AND BOUNDS

Annual Report 2001/02

Great Ormond Street Hospital for Children is well placed to continue its tradition as a national and international centre of excellence in child health, maintaining its motto of serving 'The child first and always'.

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2001/02

Institute of Child Health and
Great Ormond Street Hospital for Children NHS Trust

Research Review²⁰⁰¹

A year of excellence and innovation





Review of the Year

IT PROVED ANOTHER SUCCESSFUL AND HIGH-PROFILE YEAR FOR THE INSTITUTE OF CHILD HEALTH AND GREAT ORMOND STREET CHILDREN'S HOSPITAL. HERE ARE SOME OF THE HIGHLIGHTS.

Genetics Knowledge Park to be set up in London

The Government announced the creation of a Genetics Knowledge Park based in London, one of five across the UK, to be led by ICH Dean Professor David Latchman. The role of the knowledge parks is to accelerate application of new information from the field of genetics within the NHS. This will involve many new innovative genetic research projects, the training of nurses, doctors and genetics professionals and non-professionals, and a programme to engage and inform the general public as these developments take place, including a website and annual conferences. Innovations will be developed in partnership with industry to ensure that the UK benefits from its investment and expertise in human genetics. In particular, *IDEAS* will develop information packs and lifestyle advice for the 10.7 million multi-ethnic population of London. Much of the focus of the research programme is on how genetic variants can predispose to common illnesses, such as heart disease, stroke, cancer, asthma and epilepsy.

The London *IDEAS* park is based across the University College, Imperial College and St George's Hospital Medical School sites, together with their affiliated NHS trusts.

*London *IDEAS*: Innovation, Dissemination, Evaluation and Application Strategy for genetics across the community.

Top class research

The Institute of Child Health was recently awarded the maximum score by the Government for its academic work.

It received 5* for its research, the highest mark available, in the Research Assessment Exercise conducted by the Higher Education Funding Council of England. This means that most of its research has been judged to be of international significance.

ICH dean Professor David Latchman (pictured above) said: "This result comes from hard work by many staff over several years, particularly by the previous dean, Professor Roland Levinsky. Coming after we received the Queen's Award for Higher Education and an 'excellent' teaching rating from the Quality Assurance Agency, the excellence of the ICH has again been commended."

"The ICH has substantially improved its research standing since the 1992 result. Radical changes were implemented including grouping research into seven themes and closer work with clinical practice. That commitment and investment have paid off. Management of R&D in the joint institution is now considered a model."

First UK gene therapy lab marks start of trials

A specialist laboratory to facilitate clinical trials of gene therapy for children with rare immune deficiencies was opened in 2001 with joint funding from the ICH, GOS and the national Jeans for Genes Appeal.

Trials began in July on a condition known as X-SCID (X-linked Severe Combined Immunodeficiency) where a genetic defect results in the child having no natural immune system.

Seven-month-old Rhys Evans (pictured above) from South Wales was admitted to GOS in May and kept in isolation to avoid infection. This timing coincided with the completion of the laboratory and Rhys was the first patient in Britain to benefit from pioneering gene therapy techniques. A normally working copy of his faulty gene was added to his immune cells in the lab and infused back into his body.

Within just four weeks Rhys was showing signs of developing a fully working immune system to protect him from infection.

The ICH's Dr Adrian Thrasher, who led the trial, said: "Gene therapy is about turning the enormous advances in our understanding of genes into real cures for real children. Rhys' successful treatment is very exciting, and we are now proceeding with trials for other immune conditions."



Streamlining healthcare for children

The Government appointed the ICH's Professor Al Aynsley-Green (pictured above) as the first national director of children's healthcare services, tasked with modernising NHS and social care services for children and adolescents.

As part of the national service framework for children, he will work with an expert group to develop new national standards across the NHS and social services for children's health services. The new standards will help to ensure better access and a smoother progression for children throughout the system - from initial contact with the NHS via GP surgery or NHS hospital through to social services support.

"Children will have access to a modern National Health Service designed to meet their needs," says Professor Aynsley-Green. "It is possibly the best chance in 50 years to put children's lives and health at the centre of Government policy."

Joint website launched

A two-year project to turn the joint institution's website (www.gosh.nhs.uk) into a respected child health portal got underway with the launch of the first phase of development in September. The second phase of content development got the site shipshape for a UK-wide publicity campaign for the hospital's 150th birthday celebrations which began in January 2002.

The site's web editor David South has been working on the project since arriving here in June, having worked on award-winning websites for the United Nations.

"The first phase saw collaboration from across both institutions," he says. "An impressive amount was done to lay the foundations for future improvements to the content on the site."

Over three million children in the UK now surf the internet and the next step included the addition of a 'kids-only' area, offering children the chance to find out about the hospital and their health in a fun, non-threatening way.

Unlike commercial operations, the hospital and the ICH are an unbiased resource for the public to turn to. Currently the joint site has more than 200 factsheets for families covering tests and procedures, illnesses, diseases and operations. It also has the complete archive of Dr Jane Collins' Times column with its jargon-free look at child health issues.

Senior staff promotions announced

A raft of senior staff promotions at GOSH/ICH has confirmed once again the institution's world-class status as a centre for paediatric research, training and treatment.

The appointments, made by University College London, included the promotion of consultant dermatologist John Harper (pictured above right) to Professor of Paediatric Dermatology - and of consultant radiologist Isky Gordon (above left) to Professor of Paediatric Imaging, another newly-created position. Marie-Louise Newell became Professor of Paediatric Epidemiology and Christine Power was named as Professor of Epidemiology and Public Health.

Also moving up are Nigel Klein, who became Reader in Infectious Disease and Immunology, Carol Dezateux, who became Reader in Paediatric Epidemiology, Suzanne Filteau, promoted to Reader in International Nutrition, and David Goldblatt, who became Reader in Immunology.

Susan Hall was made a Senior Lecturer in Developmental Vascular Biology.

The promotions took effect from 1 October 2001.



Research Review 2002
Building on success

Awards, Honours and Prizes 2002

Staff from the ICH and GOSH received national and international recognition for their research achievements in 2002

Dr John Achermann received the Young Investigator Award from the European Society of Paediatric Endocrinology & Metabolism. He was an invited speaker at the Brazilian Society of Endocrinology & Metabolism (Brasilia), Society for Endocrinology (London), IUPAC/SCOPE congress on endocrine disruption (Yokohama), and Henning Anderson Workshop (Copenhagen).

Dr Paul Aurora received the European Respiratory Society, Young Investigator of the Year award. This was in recognition of published work in the field of lung transplantation.

Professor Albert Aynsley-Green was made the 12th Queen Elizabeth the Queen Mother Fellow by the trustees of the Nuffield Trust.

Professor Martin Barrett was awarded the James Spence Medal for outstanding contributions to the advancement or clarification of paediatric knowledge at the Royal College of Paediatrics and Child Health 2002 Spring meeting.

Dr Maria Bitner-Glindzicz was invited to speak at the Danish Medical Society in Copenhagen, the Irish Society of Audiology in Cork and the British Society of Audiological Physicians.

Dr Julie Carter received the runner-up prize for the Royal Institution of Great Britain, Best 2002 Science Graduate.

Professor Andrew Costello gave a keynote lecture entitled *Strategies to reduce neonatal mortality* at the International Society of Tropical Paediatrics meeting, Ankara, in September 2002. He was also invited to give the following lectures:

- *Strategies to improve neonatal health*

outcomes at the WHO Global Consultation in Child and Adolescent Health and Development in Stockholm, Sweden.

- *Nutritional and neonatal outcome in developing countries* at a USAID/Wellcome Trust meeting in Oxford on nutrition as a preventative strategy against adverse pregnancy outcomes in developing countries.
- *Integrated models of community-based perinatal and newborn care: what do we do now?* at the 16th International Biennial Paediatric conference in Karachi, Pakistan.
- *The poor mother and infant: Ethical issues in international mother and child health*, at the Ethical Society, London.

Mr Peter Cuckow received a Royal College of Surgeons pump-priming award for The Urodynamic Consequences of Bladder Outflow Obstruction on the Developing Foetal Bladder.

Dr Jena Derakhani Hamdani received a Young Scientist award for her presentation to the Mini Symposium on *Nutrition and brain function and development* in September 2002.

Professor Carol Dezateux has been appointed Chair of the MRC Autism Research Strategy Initiative. She has become a member of the Cancer Research UK Population and Behavioural Sciences committee.

Dr Simon Eaton was awarded the 2002 Sir David Cuthbertson Medal, given to investigators under the age of 40 for their contribution to nutritional research.

Dr Simone Fiore, MRC Training Fellow, received an award from the Foetal Medicine Foundation for her spoken presentation on foetal growth in HIV infected mothers.

Professor Linda Franck has been elected a Fellow of the European Academy of Nursing

Science. She was also appointed Chair of Children's Nursing Research Studies at the ICH.

Mr Robert Garrett-Cox won the prestigious Peter Paul Rickham Prize at the 2002 British Association of Paediatric Surgeons meeting for his presentation entitled *Glutamine: a novel therapy for neonatal sepsis?* Supervised by Simon Eaton and Agostino Pierro.

Dr David Goldblatt gave an invited lecture on *Immune memory to the pneumococcus* at the Third International Symposium on Pneumococci and Pneumococcal Disease, Alaska (May 2002). He gave two keynote lectures at the Australasian Clinical Immunology and Allergy Society Annual Meeting in Adelaide and lectured on *Conjugate vaccines* at the National Centre for Immunisation Research and Surveillance of Vaccine Preventable Disease in Sydney, the State of Victoria Department of Health and Ageing, Melbourne and the Murdoch Research Institute, and the Royal Children's Hospital Melbourne (October 2002). Dr Goldblatt also gave invited talks on vaccines at the Inaugural Aventis Pasteur Clinical Immunology Seminar in Lyon during October 2002, and at the Conférence Européenne de Pédiatrie and the European Board of Pediatrics Annual Meeting in Brussels (December 2002).

Dr Ian Hann was invited to join the National Cancer Research Institute haematology/oncology studies board.

Professor David Hatch was appointed chairman of the GMC's Continuing Professional Development Board, was awarded the John Snow medal by the Association of Anaesthetists of Great Britain and Ireland, and was appointed a member of the Neonatal Society.

Grants and Donations 2002

We are grateful to the organisations listed below for their generosity. The work of the ICH also depends on the ongoing support of a number of organisations acknowledged at the end of this list.

Action Research

Professor A Pierro, Dr S Eaton, Professor C Dezateux, Dr A Wade, Dr HKF van Saene, Dr N Klein, Dr AP Reynolds, Professor DA Lloyd and Professor L Spitz an award to support the Surgical Infants Glutamine Nutrition Trial: Glutamine supplementation in parenteral nutrition of surgical newborn infants.

Professor P Scambler, Dr N Shah, Professor P Milla, Dr A Philips (Royal Free Hospital) and **Dr R Thompson** (Kings College Hospital), to study the isolation of the gene defect causing microvillous atrophy. **Professor R Winter** an award to develop a phenotype database to discover malformation genes.

Alistair Berkley Charitable Trust

Dr S Hartley for community based rehabilitation in Uganda: monitoring and evaluating practices with a view to developing suitable indicators.

Arthritis Research Campaign

Dr K Gustafsson and Professor A Thrasher to fund a PhD Studentship to study the role of dendritic cells in the induction of immunity and tolerance to collagen II.

Professor M Londei to study modulation of chronic arthritis via the generation of Tr1 cells and the comparison with the activity of B regulatory cells.

Association for International Cancer Research

Dr V Budhram-Mahadeo to study the mechanisms mediating over-expression of the Brn-3b transcription factor in breast tumours.

Baxter Health Care

Professor A Pierro, Dr S Eaton, Dr N Klein, Dr K Bethune, Professor P Milla and Dr S Hill to study the effect of different intravenous fat emulsions on fat utilisation, peroxidation and immune function in infants and children on parenteral nutrition. **Dr R Liesner** an award to test the efficacy, immunogenicity, safety and

pharmacokinetics of recombinant anti-haemophilic factor manufactured and formulated without added human or animal proteins.

Dr P Lister and Dr M Peters for the investigation of the role of the protein C pathway in necrotising enterocolitis of critically ill neonates.

Biotechnology and Biological Sciences Research Council

Dr M Hubank an award to investigate a new approach to the biological interpretation and analysis of Gene Array Time Series Data.

Dr J Sowden an award to study tbx20 orthologues and the generation of morphological diversity.

Dr A Stoker to characterise the signalling mechanisms of receptor tyrosine phosphates CRY-P- α .

Biocontrol Ltd.

Dr J Soothill for biological control of infections and infestations specified as potential areas for investigation, and the commercial development thereof.

Birth Defects Foundation

Professor R Winter and Dr N Prescott an award for an investigation of the role of clefting syndrome genes in nonsyndromic cleft lip and palate.

Breast Cancer Campaign

Dr V Budhram-Mahadeo to research Brn-3b transcription factor in breast tumourgenesis-mechanism of regulating cellular growth.

British Consulate - General

Professor T Cole, Professor H Pan and Professor Y Yang (Institute of Child Health of Shanghai), to monitor and prevent malnutrition and obesity in childhood.

British Council

Professor J Stocks, Dr J Pillow and Dr G Hulskamp for the implementation of low frequency forced oscillation technique in the neonatal intensive care unit.

Dr L Wedderburn for a collaborative workshop with representatives from The Netherlands, held at the ICH.

British Council For The Prevention Of Blindness

Dr R Gilbert for a national surveillance study of congenital toxoplasmosis

British Educational Communications and Technology Agency

Mr C Clayton, Ms N Jolleff, Ms K Price, Ms C Davidson (Cenmac) and **Mr M Dale-Emberton** (Charlton School), for an AIDS communication project.

British Heart Foundation

Professor R Anderson, Dr D Henderson and Professor N Brown (St George's Hospital Medical School), for a programme of research to study fate and function of extra cardiac cell populations in heart development and malformation.

Professor R Anderson, Mr M Kanani, Mr M Elliot, Ms M Jahangir (St George's Medical Trust) and **Professor T Ebels** (Groningen University), to investigate the surgical management of the left atrioventricular valve in atrioventricular septal defects.

Dr B Brar and Professor D Latchman to investigate the protective and hypertrophic effects of urocortin.

Professor C Dezateux, Dr R Knowles and Dr C Wren (Freeman Hospital, Newcastle-upon-Tyne), for a national cohort study into the outcome at school age of congenital heart disease.

Professor D Latchman to investigate the role of transcriptional co-factors in cardiac hypertrophy.

Professor D Latchman, Dr A Stephanou and Professor D Yellon (UCL), an award to investigate the role of the STAT-1 transcription factor in ischaemia/reperfusion injury in the intact heart.

Professor D Latchman and

Dr A Stephanou, an award to investigate the regulation of the capases pathway in cardiac cells and the intact heart in response to ischaemia/reperfusion.

Dr A Stephanou, Dr D Yellon (UCL) and Professor D Latchman to investigate the role of the C-terminal of STAT-1 in ischaemic/reperfusion injury in cardiac cells.

B Evans (City University), for equipment to study an objective measure of the benefit afforded by precision tinted spectacles in subjects with dyslexia.

Janssen-Cilag

Dr H Cross for an open naturalistic individual dose optimisation trial assessing tolerability and efficacy in recently diagnosed patients with epilepsy.

Jeans For Genes

Professor J Stocks, Dr J Pillow and Dr G Hulskamp for the development and validation of new lung function equipment in the intensive care unit.

Jerome Lejeune Foundation

Dr D Muller, Professor S Grantham-McGregor, Dr C Ani and Dr R Moy (ICH, University of Birmingham), a renewal of funding for a randomised controlled trial of the effects of antioxidant supplementation on the mental development, growth and health of children with Down's syndrome.

Dr D Muller, Dr S Logan, Dr R Gilbert, Professor T Cole, Professor Grantham McGregor, Dr C Ani and Dr J Ellis an award for a randomised controlled trial of the effects of antioxidant and folic acid supplementation on the mental development, growth and health of children with Down's Syndrome.

Kidney Research Aid Fund

Mr P Ransley for a clinical trial of deflux for endoscopic correction of severe vesicoureteric reflux and the effects on improving bladder function outcome.

An annual donation to **Professor A Woolf** and **Dr M Godley** for a trial of endoscopic treatment of vesicoureteric reflux in infants.

Leukaemia Research Fund

Dr W Qasim an award for the development of T cell therapies to improve outcomes in allergic bone marrow transplantation for haematological malignancies.

London Regional NHS Trust

Dr C Dezateux and Dr S Oliver (Institute of Education), to explore the implications for parents and professionals of carrier screening for cystic fibrosis and sickle cell disorders

London School Of Hygiene and Tropical Medicine

Dr W Cubitt, Dr R Hayes (LSHTM) and Dr D Ross (LSHTM), to support the MEMA Kwa Vijana Project.

Dr H Cross, for the open naturalistic individual dose optimisation trial assessing tolerability and efficacy in recently diagnosed patients with epilepsy who are treatment naïve or have failed one anti-epileptic drug treatment.

Medical Research Council (MRC)

Professor A Copp, Dr D Gerrelli and Ms A Murray four awards for research into Consolidation of the MRC / Wellcome Trust Human Developmental Biology Resource.

Mr D Jenkins, Professor A Woolf, Dr S Feather, Mr S Welham and Dr L McCarthy for genetics and developmental biology of vesicoureteric reflux (VUR).

Professor J Harper with Professor WOCM Cookson (Oxford), received funding for family recruitment to study the molecular genetics of atopic dermatitis

Professor A Lucas for research into paediatric nutrition.

Dr D Muller to study the urinary metabolites of vitamin E.

Dr P Riley to investigate the role of Hand1 in cell movement and migration during cardiac morphogenesis.

Mount Everest Foundation

Professor Monty Mythen, for the development of a high altitude medicine and physiology education website (space and extreme environment physiology)

MRC/Wellcome Trust

Professor A Copp, Dr Gerrelli, Dr A Murray and Professor C Rodeck (UCL), for consolidation of a Human Developmental Biology Resource.

National Alliance for Autism Research

Professor D Skuse and Professor E Lander, to identify a genetic cause of male susceptibility to autism.

National Alliance for Research on Schizophrenia and Depression

Professor P Scambler and Dr S Sivagnanasundaram for the identification and evaluation of epistatic interactions underlying prepulse inhibition in mouse hybrids: a model for schizophrenia.

National Kidney Research Fund

Dr L Rees to investigate the optimum range of circulating parathyroid hormone, in children with chronic renal failure that maximises growth and minimises renal osteodystrophy.

Dr P Winyard an award to characterise the T30H model of spontaneous urinary tract mal-development.

Professor A Woolf for research into angiotensins and kidney vascular development. Professor Woolf received further funding (co-applicant Dr P Winyard) for a NKRF Studentship.

Neuroblastoma Society

Dr A Sala, to study targeted expression of B-MYB to the neuroectoderm.

NHS Executive

Professor L Spitz, Dr S Reilly, Dr M Lawson, Dr H McConachie, Dr H Cass, Dr L Carr, Dr R Hastings and Ms G Craig additional funding for medical and psychosocial effects of gastrostomy feeding interventions for children with cerebral palsy and their families.

Nuffield Foundation

Dr D Glaser, Dr G Hodges and Ms V Prior, for a child care consultation team follow-up study. **Dr L Rees and Dr S Waller** to investigate the optimum range of circulating parathyroid hormone in children with chronic renal failure that maximises growth and minimises renal osteodystrophy.

Olivia Hodson Fellowship

Dr F Gibson received funding to support a Children's Cancer Nursing Fellow at GOSH.

Orphan Europe

Mrs B Lewin, Mrs M Rogers, Dr B Gasper and Dr E Gerritsen (St Clara Hospital, Rotterdam), for a study to look at psychological sequelae of adenosine deaminase deficiency following bone marrow transplant.

Dr W Van't Hoff and Ms Collin for the development of a national registry of cystinosis patients.

Parkinson's Disease Society

Professor D Latchman for analysis of the role of parkin in familial and non-familial Parkinson's disease.

Pfizer

Dr A Jaffe, Dr K Yoshimura (Jikei University, Tokyo) and **Professor E Alton** (Imperial College), an award for assessment of CFTR function in vivo patients with diffuse pan-bronchiolitis.

Philip Ullman Trust

Dr S Eaton and Professor A Pierro an award for an isotope ratio mass spectrometer

PPP Foundation

Mr D South for his role as project manager of the Virtual Children's Hospital in collaboration with the University of Sheffield.

Primary Immunodeficiency Association

Dr H B Gaspar, Dr P Veys and Dr A Thrasher for the analysis of immune function following low intensity conditioning stem cell transplantation for severe congenital immunodeficiency.

Dr HB Gaspar and Dr A Thrasher, an award for the development of *in vitro* and *in vivo* models of gene therapy for X-linked lymphoproliferative syndrome.

Dr A Thrasher received funding to investigate gene therapy for Wiskott-Aldrich syndrome and an award for the clinical trial of gene therapy for X-SCID.

Roundabout



Happy birthday Radio GOSH

Radio GOSH celebrated its 10th birthday last month by helping the hospital's radio station celebrate its 21st birthday in style.



Radio GOSH's 10th birthday was celebrated last month by the hospital's radio station, which is celebrating its 21st birthday in style.

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JOINT WEBSITE LAUNCHED

A two-year project to turn our joint website into a regional child health portal got underway with the launch of the first phase of development in September. The second phase of content development will get the site ship shape for a 60-page publicity campaign as the hospital's 110th birthday celebrations begin in January.

The project will create a new website for the hospital, which will be the first of its kind in the region. The project will be completed by the end of the year.

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Top page launch day - surprise visit to GOSH Hospital



A day in the life...

Overview



The New Life website is a comprehensive resource for people seeking help. It features a navigation menu on the left side, which includes links to 'Home', 'About Us', 'Contact Us', 'FAQ', 'Links', 'Privacy Policy', and 'Terms of Service'. The main content area displays a large image of a person, likely a member of the organization, and a list of services offered.

Services Offered



The 'Services Offered' section lists various programs and services provided by the organization. These include:

- **Substance Abuse Treatment:** A comprehensive program for individuals struggling with addiction.
- **Mental Health Services:** Counseling and therapy for a variety of mental health issues.
- **Family Therapy:** Support for families dealing with addiction and mental health challenges.
- **Outpatient Programs:** Flexible treatment options for individuals who cannot attend intensive programs.
- **Support Groups:** Peer support groups for individuals in recovery.
- **Religious and Spiritual Services:** Programs that integrate faith and spirituality into the recovery process.

Testimonials



The 'Testimonials' section features a photo of a person, likely a client, and a quote expressing their gratitude for the services received. The quote reads:

"I have been struggling with addiction for many years, and I have found a new life at New Life. The staff is caring and supportive, and the programs are effective. I am now clean and sober, and I am able to live a healthy and happy life. I am grateful for the help I have received from New Life."

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